

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
---	--	---

Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	▶ ☒
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.	▶ ☐

Part II	Basic Plan Information —enter all requested information
1a Name of plan GREIF 401(K) RETIREMENT PLAN	1b Three-digit plan number (PN) ▶ 001
	1c Effective date of plan 01/01/2009
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) GREIF PACKAGING LLC 425 WINTER ROAD DELAWARE, OH 43015	2b Employer Identification Number (EIN) 36-3268123 2c Plan Sponsor's telephone number 740-549-6037 2d Business code (see instructions) 331200

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/06/2023	BRIAN HAMILTON
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/06/2023	BRIAN HAMILTON
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN
		3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 8919
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 6302
a(2) Total number of active participants at the end of the plan year		6a(2) 6708
b Retired or separated participants receiving benefits		6b 56
c Other retired or separated participants entitled to future benefits.....		6c 2349
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 9113
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 26
f Total. Add lines 6d and 6e		6f 9139
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 9085
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 1887
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2S 2T 3H		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan GREIF 401(K) RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 GREIF PACKAGING LLC	D Employer Identification Number (EIN) 36-3268123	

Part I	Service Provider Information (see instructions)
--------	---

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
PRINCIPAL LIFE INSURANCE COMPANY
42-0127290

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
--

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
--

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
--

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 37 50 64	CONTRACT ADMINISTRATOR	321016	Yes ☒ No ☐	Yes ☒ No ☐	48637	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

HIGHLAND CONSULTING

34-1753575

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 50	INVESTMENT ADVISORY	82604	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

EDELMAN FINANCIAL ENGINES, LLC

94-3250323

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
26 50	INV ADV, PARTICIPANTS	194163	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
PRINCIPAL LIFE INSURANCE COMPANY	13 37 50 64	48637
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
EDELMAN FINANCIAL ENGINES, LLC 94-3250323	QUARTERLY SET UP AND MAINTENCE FEES PLUS PER PARTICIPANT FEE NOT TO EXCEED 35% OF FEES RECEIVED BY EDELMAN FINANCIAL ENGINES EACH QUARTER	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
	For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	

A Name of plan GREIF 401(K) RETIREMENT PLAN		B Three-digit plan number (PN) ▶	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 GREIF PACKAGING LLC		D Employer Identification Number (EIN) 36-3268123	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)		
a Name of MTIA, CCT, PSA, or 103-12 IE: GALLIARD STABLE RETURN E			
b Name of sponsor of entity listed in (a): SEI TRUST COMPANY			
c EIN-PN 52-2250951-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 96017127	
a Name of MTIA, CCT, PSA, or 103-12 IE: VGD TRGT RTMT 2015 TRUST II			
b Name of sponsor of entity listed in (a): VANGUARD GROUP			
c EIN-PN 90-6083984-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0	
a Name of MTIA, CCT, PSA, or 103-12 IE: VGD TRGT RTMT 2020 TRUST II			
b Name of sponsor of entity listed in (a): VANGUARD GROUP			
c EIN-PN 90-6083982-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 31829815	
a Name of MTIA, CCT, PSA, or 103-12 IE: VGD TRGT RTMT 2025 TRUST II			
b Name of sponsor of entity listed in (a): VANGUARD GROUP			
c EIN-PN 90-6083980-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 27640345	
a Name of MTIA, CCT, PSA, or 103-12 IE: VGD TRGT RTMT 2030 TRUST II			
b Name of sponsor of entity listed in (a): VANGUARD GROUP			
c EIN-PN 90-6083978-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 63845525	
a Name of MTIA, CCT, PSA, or 103-12 IE: VGD TRGT RTMT 2035 TRUST II			
b Name of sponsor of entity listed in (a): VANGUARD GROUP			
c EIN-PN 90-6083976-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 24614594	
a Name of MTIA, CCT, PSA, or 103-12 IE: VGD TRGT RTMT 2040 TRUST II			
b Name of sponsor of entity listed in (a): VANGUARD GROUP			
c EIN-PN 90-6083974-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 48767892	

a Name of MTIA, CCT, PSA, or 103-12 IE: VGD TRGT RTMT 2045 TRUST II		
b Name of sponsor of entity listed in (a): VANGUARD GROUP		
c EIN-PN 90-6083972-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 19987007
a Name of MTIA, CCT, PSA, or 103-12 IE: VGD TRGT RTMT 2050 TRUST II		
b Name of sponsor of entity listed in (a): VANGUARD GROUP		
c EIN-PN 90-6083970-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 26807531
a Name of MTIA, CCT, PSA, or 103-12 IE: VGD TRGT RTMT 2055 TRUST II		
b Name of sponsor of entity listed in (a): VANGUARD GROUP		
c EIN-PN 27-6715091-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 14262416
a Name of MTIA, CCT, PSA, or 103-12 IE: VGD TRGT RTMT 2060 TRUST II		
b Name of sponsor of entity listed in (a): VANGUARD GROUP		
c EIN-PN 45-3799419-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 11142899
a Name of MTIA, CCT, PSA, or 103-12 IE: VGD TRGT RTMT INC TRUST II		
b Name of sponsor of entity listed in (a): VANGUARD GROUP		
c EIN-PN 90-6083967-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 11302887
a Name of MTIA, CCT, PSA, or 103-12 IE: VGD TRGT RTMT 2065 TRUST II		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 82-6194314-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2171721
a Name of MTIA, CCT, PSA, or 103-12 IE: GALLIARD STABLE RETURN PN		
b Name of sponsor of entity listed in (a): SEI TRUST COMPANY		
c EIN-PN 41-6202499-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
a Name of MTIA, CCT, PSA, or 103-12 IE: TS&W MID CAP VALUE TRUST A		
b Name of sponsor of entity listed in (a): GLOBAL TRUST COMPANY		
c EIN-PN 26-6773274-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5506668
a Name of MTIA, CCT, PSA, or 103-12 IE: VGD TRGT RTMT 2070 TRUST II		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 87-7039453-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 184732
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

Part II **Information on Participating Plans (to be completed by DFEs)**

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>GREIF 401(K) RETIREMENT PLAN</u>		B Three-digit plan number (PN) <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>GREIF PACKAGING LLC</u>		D Employer Identification Number (EIN) <u>36-3268123</u>

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)	16978846	19520087
(9) Value of interest in common/collective trusts.....	1c(9)	101596438	384081159
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	720622392	294149165
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	9956899	11106177
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	849154575	708856588

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	849154575	708856588
---	-----------	-----------	-----------

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	27878611	
(B) Participants	2a(1)(B)	37813266	
(C) Others (including rollovers)	2a(1)(C)	3383642	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		69075519
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	929916	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		929916
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	315698	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	4593977	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		4909675
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	3257152	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	3004381	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		252771
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	965959	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		965959

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-40086935
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-97496421
c Other income	2c		132079
d Total income. Add all income amounts in column (b) and enter total	2d		-61317437
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	78539029	
(2) To insurance carriers for the provision of benefits	2e(2)	278	
(3) Other	2e(3)	686	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		78539993
f Corrective distributions (see instructions)	2f		6824
g Certain deemed distributions of participant loans (see instructions)	2g		10871
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)	146094	
(3) Investment advisory and management fees	2i(3)	276768	
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		422862
j Total expenses. Add all expense amounts in column (b) and enter total	2j		78980550
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-140297987
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☐ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☒ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: **GBQ PARTNERS LLC**

(2) EIN: **20-2122306**

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		5000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan GREIF 401(K) RETIREMENT PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 GREIF PACKAGING LLC		D Employer Identification Number (EIN) 36-3268123
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 42-0127290		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock?..... ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)..... ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14	Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:		
	a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....	14a	
	b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b	
	c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c	
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
	a The corresponding number for the plan year immediately preceding the current plan year.....	15a	
	b The corresponding number for the second preceding plan year.....	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....	16b	
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
----------------	---

18	If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐
19	If the total number of participants is 1,000 or more, complete lines (a) through (c) a Enter the percentage of plan assets held as: Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____% b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more c What duration measure was used to calculate line 19(b)? ☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____
20	PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20. a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box: ☐ Yes. ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date. ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date. ☐ No. Other. Provide explanation _____

Financial Statements and Supplemental Schedule

Greif 401 (k) Retirement Plan
December 31, 2022 and 2021
and Year Ended December 31, 2022

REQUIRED INFORMATION

The following financial statements for the Greif 401(k) Retirement Plan are being filed herewith:

<u>Description</u>	<u>Page No.</u>
Financial Statements:	
As of December 31, 2022 and 2021 and for the year ended December 31, 2022	
Report of Independent Registered Public Accounting Firm	2
Statements of Net Assets Available for Benefits	5
Statement of Changes in Net Assets Available for Benefits	6
Notes to Financial Statements	7
Supplemental Schedule: Schedule H, Part IV, Line 4i - Schedule of Assets (Held at End of Year)	12

Note: All other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable.



Independent Auditor's Report

To the Audit Committee, North American Retirement Plans Committee, Plan Administrator and Participants of
Greif 401(k) Retirement Plan
Delaware, Ohio

Opinion

We have audited the financial statements of the Greif 401(k) Retirement Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022 and 2021, and the changes in its net assets available for benefits for the year ended December 31, 2022, in accordance with accounting principles generally accepted in the United States of America (GAAP).

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with GAAP, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is responsible for maintaining a current plan instrument, including all plan amendments. Management is also responsible for administering the Plan and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

To the Audit Committee, North American Retirement Plans Committee, Plan
Administrator and Participants of
Greif 401(k) Retirement Plan
Page 3

Supplemental Schedule Required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental schedules of Schedule H, Part IV, Line 4i – Schedule of Assets (Held at End of Year) and Schedule H, Part IV Line 4j – Schedule of Reportable Transactions are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, including their form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the accompanying supplemental schedules are fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

GBQ Partners LLC

Columbus, Ohio
July 17, 2023

Greif 401(k) Retirement Plan
Statements of Net Assets Available for Benefits

<i>(in millions)</i>	December 31,	
	2022	2021
Assets:		
Investments:		
Investments at fair value (Note 3)	\$ 689.3	\$ 830.1
Total Investments	689.3	830.1
Receivables:		
Participant notes receivable	19.5	17.0
Participant contributions receivable	0.7	0.7
Employer contributions receivable	0.5	0.4
Total receivables	20.7	18.1
Net assets available for benefits	<u>\$ 710.0</u>	<u>\$ 848.2</u>

See accompanying notes to financial statements.

Greif 401(k) Retirement Plan
Statement of Changes in Net Assets Available for Benefits

<i>(in millions)</i>	Year Ended December 31, 2022
Additions:	
Contributions:	
Participant contributions	\$ 37.8
Employer contributions	27.9
Rollover contributions	3.4
Total contributions	69.1
Interest income on participant notes receivable	0.9
Investment income:	
Dividend income	4.9
Total investment income	4.9
Other income	0.2
Total additions	75.1
Deductions:	
Benefits paid to participants	78.6
Net depreciation in fair value of investments	134.3
Administrative fees	0.2
Other expense	0.2
Total deductions	213.3
Net decrease in net assets	(138.2)
Net assets available for benefits, beginning of year	848.2
Net assets available for benefits, end of year	<u>\$ 710.0</u>

See accompanying notes to financial statements.

Greif 401(k) Retirement Plan

Notes to Financial Statements

Note 1 - Description of the Plan

The following description of the Greif 401(k) Retirement Plan (the "Plan") is provided for general information purposes only. Participants should refer to the plan document and summary plan description for more information.

General

The Plan is a defined contribution plan covering all employees at adopting locations of Greif Packaging LLC (both the "Sponsor" and the "Administrator"), a wholly-owned subsidiary of Greif, Inc. (the "Company"), and is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"). The Plan was adopted by the Sponsor to provide eligible employees with special incentives for retirement savings. Eligible employees participate as soon as administratively feasible following their date of hire and upon 18 years of age. The Administrator is responsible for keeping accurate and complete records with regard to the Plan, informing participants of changes or amendments to the Plan, and ensuring that the Plan conforms to applicable laws and regulations. Principal Trust Company maintains the Plan assets.

Participant Contributions

Participants may contribute up to 100 percent of their annual compensation, not to exceed the deferral limit as established annually by the Internal Revenue Code (the "IRC"), into a choice of investment options. In no event shall the amount contributed for any plan year exceed the amount allowable in computing the participant's federal income tax exclusion for that plan year. As soon as eligibility criteria are satisfied, participants are automatically enrolled with payroll deductions of 3 percent but are permitted to opt out or change the payroll deduction percentage. Until participants make an investment selection, all of their contributions are invested in a target fund investment option that corresponds to the participant's projected retirement date, which is based on the participant's current age and a retirement age of 65. Once the participant makes an investment election, participant contributions are allocated as the participant directs.

Participants may also choose to make rollover contributions (except amounts representing after-tax contributions) to the Plan of amounts received from an eligible employer plan maintained by another company or from an Individual Retirement Account.

Employer Contributions

At its discretion, the Sponsor may make matching and/or profit sharing contributions as set forth in the Plan document. Additionally, the Sponsor contributes three percent of compensation earned for all participants not eligible to participate in the Greif Pension Plan. Certain employer matching contributions are paid pursuant to collective bargaining agreements. The Sponsor's contributions are allocated to investments in the same manner as that of the participant's elective contributions.

Participant Accounts

Each participant's account is credited with the participant's contributions and the Sponsor's matching contributions and allocations of plan earnings, and is charged with an allocation of administrative expenses. Plan earnings are allocated based on the participant's share of net earnings or losses of their respective elected investment options. Allocations of administrative expenses are based on the participant's account balances, as defined in the Plan document. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Investments

Participants may direct the investment of their contributions and/or account balances into various investment options offered by the Plan and may change investments and transfer amounts between funds daily. The Plan offers 12 mutual funds at registered investment companies, 14 pooled accounts of common collective trusts, and an employer common stock fund.

Vesting

Participants have full and immediate vesting in all participant contributions and related income credited to their accounts. Employer contributions and actual earnings thereon vest ratably over a five-year period unless otherwise provided by collective bargaining agreements.

Forfeitures

Upon termination of employment, participants forfeit their unvested balances. Upon a participant's date of rehire, all years of service credited to such participant's date of termination are taken into account.

Forfeited balances of terminated participant's unvested accounts are used to reduce the administrative expenses of the Plan or future employer contributions. Unallocated forfeitures as of December 31, 2022 and 2021 were approximately \$0.5 million and \$0.8 million, respectively. Forfeitures used to reduce employer contributions in 2022 were approximately \$1.8 million.

Notes Receivable from Participants

Participants may borrow from their accounts up to a maximum equal to the lesser of \$50,000 or 50 percent of their vested account balance. Loan terms range from 1-5 years, or up to 30 years if for the purchase of a primary residence. The \$50,000 limit is reduced by the participant's highest outstanding loan balance during the preceding 12-month period. A reasonable interest rate will be determined for each loan by the Plan Administrator and is commensurate with prevailing rates at the issuance of loans. As of December 31, 2022, participant loans had maturities through 2043 at interest rates ranging from 3.25 percent to 9.25 percent.

Payment of Benefits

Withdrawals under the Plan are allowed for termination of employment, hardship (as defined by the Plan document), retirement, or the attainment of age 59 1/2. Distributions may also be made to the participant in the event of physical or mental disability or to a named beneficiary in the event of the participant's death. Distributions are made in a lump sum payment or by installment payments at the participant's election.

Employer Stock Fund

Participants can elect to invest in the employer stock fund consisting of Greif, Inc. Class A Common Stock. The fund may also hold cash or cash equivalents as necessary to satisfy the obligations of the fund. Participants may not allocate more than 20% of their future contributions to the employer stock fund.

Plan Termination

Although it has not expressed any intent to do so, the Sponsor has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants will become 100% vested in their accounts.

Note 2 - Summary of Significant Accounting Policies

Basis of Presentation

The accompanying financial statements of the Plan are prepared using the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America ("GAAP").

Payment of Benefits

Benefits are recorded upon distribution to participants. There were no participants who elected to withdraw from the Plan, but had not yet been paid at December 31, 2022 and 2021.

Administrative Expenses

All investment management and transaction fees directly related to the Plan investments are paid by the Plan. Management fees and operating expenses charged to the Plan for investments are deducted from income earned on a daily basis and are not separately reflected. Consequently, management fees and operating expenses are reflected as a reduction of investment return for such investments. Additional recordkeeping and investment advisory services that are directly attributable to Plan participant's accounts are charged on a per-participant basis.

Notes Receivable from Participants

Notes receivable from participants represent participant loans that are recorded at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recorded when it is earned. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses was recorded as of December 31, 2022 or 2021. If a participant ceases to make loan repayments and the Plan Administrator deems the participant loan to be a distribution, the participant loan balance is reduced and a benefit payment is recorded.

Use of Estimates

The preparation of financial statements in conformity with GAAP requires the Plan's management to make estimates that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (an exit price). See Note 3 for further discussion and disclosures related to fair value measurements. Shares of mutual funds are valued based on quoted market prices which represent the net asset value of shares held by the Plan at year-end. Shares of Greif, Inc. Class A common stock are valued based on quoted market prices which represent the value of shares held by the Plan at year-end. The fair value of the participation units in common collective funds are based on quoted net asset values on the last business day of the Plan's year-end.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded as earned. Dividends are recorded on the ex-dividend date. Net depreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Risks and Uncertainties

The Plan provides various investment securities options to its participants. Investment securities are exposed to various risks such as interest rate, market volatility and credit risks. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

Note 3 - Fair Value Measurements

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs. The three levels of the fair value hierarchy under Topic 820 are described as follows:

Level 1 - Inputs to the valuation methodology are quoted prices (unadjusted in active markets for identical assets or liabilities) that the Plan can access at the measurement date.

Level 2 - Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as:

- Quoted prices for similar assets or liabilities in active markets
- Quoted prices for identical or similar assets or liabilities in inactive markets
- Inputs other than quoted prices that are observable for the asset or liability
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means

Level 3 - Inputs that are unobservable inputs for the asset or liability.

The following is a description of the valuation methodologies used for investments measured at fair value. The inputs or methodology to value securities are not necessarily an indication of risk associated with investing in those securities, and there have been no changes in the methodologies used at December 31, 2022 and 2021. Valuation technologies maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

- *Common stocks* are valued at the closing price reported in the active market on which the individual securities are traded.
- *Mutual funds* are valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-ended mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

- *Common collective funds* are measured at net asset value. The net asset value as provided by the trustees is used as a practical expedient to estimate fair value. The net asset value is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported net asset value. The use of net asset value is deemed appropriate as the collective funds do not have a finite life, unfunded commitments or significant restrictions on redemptions.

The preceding methods described may produce fair value calculations that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following tables set forth by level, within the fair value hierarchy, the Plan's assets carried at fair value as of December 31, 2022 and 2021, respectively. Classification within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement.

<i>(in millions)</i>	Assets at Fair Value as of December 31, 2022			
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 294.2	\$ —	\$ —	\$ 294.2
Common stocks	11.1	—	—	11.1
Total assets in the fair value hierarchy	305.3	—	—	305.3
Investments measured at net asset value (1)	—	—	—	384.0
Investments at fair value	\$ 305.3	\$ —	\$ —	\$ 689.3

<i>(in millions)</i>	Assets at Fair Value as of December 31, 2021			
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 720.6	\$ —	\$ —	\$ 720.6
Common stocks	10.0	—	—	10.0
Total assets in the fair value hierarchy	730.6	—	—	730.6
Investments measured at net asset value (1)	—	—	—	99.5
Investments at fair value	\$ 730.6	\$ —	\$ —	\$ 830.1

(1) In accordance with Accounting Standard Codification 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts represented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statement of net assets available for benefits.

Transfers Between Levels

The availability of observable market data is monitored to assess the appropriate classification of financial instruments within the fair value hierarchy. Changes in economic conditions or model-based valuation techniques may require the transfer of financial instruments from one fair value level to another. In such instances, the transfer is reported at the beginning of the reporting period.

We evaluate the significance of transfers between levels based upon the nature of the financial instrument and size of the transfer relative to the total net assets available for benefits. There were no transfers between levels during year 2022 or 2021.

Note 4 - Party-in-Interest Transactions

The Plan also invests in the common stock of Greif, Inc. As of December 31, 2022 and 2021, the Plan owned 165,616 and 164,931 shares of the Greif, Inc.'s Class A Common Stock with a fair value of \$11.1 million and \$10.0 million, respectively. As of December 31, 2022 and 2021, the cost basis of Greif, Inc.'s Class A Common Stock was \$10.3 million and \$10.2 million, respectively. Dividends earned from Greif, Inc. were \$0.3 million for the year ended December 31, 2022.

The transactions mentioned above qualify as party-in-interest transactions; however they are exempt from the prohibited transactions rules under ERISA.

Note 5 - Income Tax Status

The Plan has received a determination letter from the Internal Revenue Service ("IRS") dated August 6, 2021, stating that the Plan is qualified under Section 401(a) of the IRC and, therefore, the related trust is exempt from taxation. Subsequent to this determination by the IRS, the Plan was amended. Once qualified, the Plan is required to operate in conformity with the IRC to maintain its qualified status. The Plan Sponsor believes the Plan is being operated in compliance with the applicable requirements of the IRC and, therefore, believes the Plan, as amended, is qualified and the related trust is tax-exempt.

GAAP requires Plan management to evaluate uncertain tax positions taken by the Plan. The financial statement effects of a tax position are recognized when the position is more likely than not, based on the technical merits, to be sustained upon examination by the IRS. The Plan Administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2022 and 2021, there are no uncertain positions taken or expected to be taken. The Plan has recognized no interest or penalties related to uncertain tax positions. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan Administrator believes it is no longer subject to income tax examinations for years prior to 2021.

Note 6 - Reconciliation of Financial Statements to the Form 5500

The following is a reconciliation of net assets available for benefits per the financial statements to the Form 5500 at December 31, 2022 and 2021:

<i>(in millions)</i>	December 31, 2022	December 31, 2021
Net assets available for benefits per the financial statements	\$ 710.0	\$ 848.2
Less: Participant contributions receivable	0.7	0.7
Less: Employer contributions receivable	0.5	0.4
Add: Rounding	0.1	—
Adjustment from contract value to fair value for common collective trust	—	2.1
Net assets available for benefits per the Form 5500	<u>708.9</u>	<u>849.2</u>

The following is a reconciliation of changes within net assets available for benefits per the financial statements to the Form 5500 for the year ending December 31:

<i>(in millions)</i>	December 31, 2022
Net decrease per the financial statements	\$ (138.2)
Contributions receivables:	
End of year	(1.2)
Beginning of year	1.1
Rounding	0.1
Difference in reporting investment value per the financial statements and Form 5500:	
End of year	—
Beginning of year	(2.1)
Net loss per the Form 5500	<u>\$ (140.3)</u>

Note 7 - Subsequent Events

The Plan Sponsor has evaluated subsequent events from the statement of net assets available for plan benefits date through July 17, 2023, the date at which the financial statements were issued, and no additional events were noted which warrant adjustments to, or disclosure in, the financial statements.

**Greif 401(k) Retirement Plan
Supplemental Schedule**

Employer ID No: 36-3268123; Plan No: 001

***Schedule H, Part IV, Line 4i - Schedule of Assets (Held at End of Year)
December 31, 2022***

(a)	(b)	(c)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Current Value (in millions)
<u>Equity Securities Mutual Funds</u>			
	Dodge & Cox Stock Fund	Mutual Fund	\$ 33.2
	MainStay Large Cap Growth I Fund	Mutual Fund	46.6
	Vanguard Institutional Index Fund	Mutual Fund	81.2
	DFA U.S. Targeted Value I Fund	Mutual Fund	6.6
	Fidelity Extended Market Index Fund	Mutual Fund	30.5
	T. Rowe Price Mid-Cap Growth Fund	Mutual Fund	14.8
	Vanguard Small Cap Growth IndexFund	Mutual Fund	8.8
	Am Fds EuroPacific Growth R6Fund	Mutual Fund	17.9
	DFA Emerg Mkt Core Eqty Portfolio	Mutual Fund	1.2
	Fidelity Global ex US Index Fund	Mutual Fund	14.4
			<u>\$ 255.2</u>
<u>Fixed Income Mutual Funds</u>			
	PIMCO Total Return Fund	Mutual Fund	\$ 31.3
	PIMCO Real Return/Institutional Fund	Mutual Fund	7.7
			<u>\$ 39.0</u>
<u>Common/Collective Fixed Income Funds</u>			
	Vanguard Target Retirement Inc Trust II	Common Collective Trust	\$ 11.3
	Vanguard Target Retirement 2020 Trust II	Common Collective Trust	31.8
	Vanguard Target Retirement 2025 Trust II	Common Collective Trust	27.6
	Vanguard Target Retirement 2030 Trust II	Common Collective Trust	63.8
	Vanguard Target Retirement 2035 Trust II	Common Collective Trust	24.6
	Vanguard Target Retirement 2040 Trust II	Common Collective Trust	48.8
	Vanguard Target Retirement 2045 Trust II	Common Collective Trust	20.0
	Vanguard Target Retirement 2050 Trust II	Common Collective Trust	26.8
	Vanguard Target Retirement 2055 Trust II	Common Collective Trust	14.3
	Vanguard Target Retirement 2060 Trust II	Common Collective Trust	11.1
	Vanguard Target Retirement 2065 Trust II	Common Collective Trust	2.2
	Vanguard Target Retirement 2070 Trust II	Common Collective Trust	0.2
	Galliard Stable Return E	Common Collective Trust	96.0
	TS&W Collective/MID CAP Value TR	Common Collective Trust	\$ 5.5
			<u>\$ 384.0</u>
<u>Common Stock</u>			
*	Greif, Inc. Class A Common Stock	Common Stock	\$ 11.1
<u>Loans to Participants</u>			
*	Participant notes receivable	Interest rates of 3.25% to 9.25% Due dates range from 2023-2043	\$ 19.5
			<u>\$ 708.8</u>

* Indicates parties-in-interest to the Plan.

See accompanying Report of Independent Registered Public Accounting Firm

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

GREIF 401(K) RETIREMENT PLAN

EIN 36 3268123

PLAN NUMBER 001

PLAN YEAR 01/01/2022 TO 12/31/2022

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
	The American Funds	Registered Investment Company Am Fds EuroPacific Grth R6 Fd	\$ 0.00	\$ 17,927,713.77
	Dodge and Cox Funds	Registered Investment Company Dodge & Cox Stock I Fund	\$ 0.00	\$ 33,171,140.04
	Dimensional Fund Advisors	Registered Investment Company DFA Emerg Mkt Core Eqty I Fd	\$ 0.00	\$ 1,205,395.99
	Dimensional Fund Advisors	Registered Investment Company DFA US Targeted Value I Fund	\$ 0.00	\$ 6,572,995.48
	Fidelity Investments	Registered Investment Company Fidelity Extended Mkt Idx Fd	\$ 0.00	\$ 30,508,784.39
	Fidelity Investments	Registered Investment Company Fidelity Glb ex US Index Fd	\$ 0.00	\$ 14,412,263.12
*	Greif, Inc.	Employer Security Greif Stock	\$ 0.00	\$ 11,106,177.28
*	SEI TRUST COMPANY	Common/Collective Trust GALLIARD STABLE RETURN E	\$ 0.00	\$ 96,017,127.41
	MainStay Funds	Registered Investment Company MainStay Winslow LgCap Gr I Fd	\$ 0.00	\$ 46,590,177.73
	PIMCO Funds	Registered Investment Company PIMCO Real Return Instl Fund	\$ 0.00	\$ 7,690,038.98
	PIMCO Funds	Registered Investment Company PIMCO Total Return Instl Fund	\$ 0.00	\$ 31,267,198.86
	T. Rowe Price Funds	Registered Investment Company T Rowe Price Mid-Cap Gr Fund	\$ 0.00	\$ 14,817,226.60
	Global Trust Company	Common/Collective Trust TS&W Mid Cap Value Trust A	\$ 0.00	\$ 5,506,668.35
	Vanguard Group	Registered Investment Company Vanguard Sm Cp Gr Idx Instl Fd	\$ 0.00	\$ 8,776,436.27
	Vanguard Group	Registered Investment Company VANGUARD INSTL IDX INSTL PL FD	\$ 0.00	\$ 81,209,794.15

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

GREIF 401(K) RETIREMENT PLAN

EIN 36 3268123

PLAN NUMBER 001

PLAN YEAR 01/01/2022 TO 12/31/2022

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
	Vanguard Group	Common/Collective Trust VGD TRGT RTMT INC TRUST II	\$ 0.00	\$ 11,302,886.92
	Vanguard Group	Common/Collective Trust VGD TRGT RTMT 2020 TRUST II	\$ 0.00	\$ 31,829,815.39
	Vanguard Group	Common/Collective Trust VGD TRGT RTMT 2025 TRUST II	\$ 0.00	\$ 27,640,344.52
	Vanguard Group	Common/Collective Trust VGD TRGT RTMT 2030 TRUST II	\$ 0.00	\$ 63,845,525.23
	Vanguard Group	Common/Collective Trust VGD TRGT RTMT 2035 TRUST II	\$ 0.00	\$ 24,614,593.64
	Vanguard Group	Common/Collective Trust VGD TRGT RTMT 2040 TRUST II	\$ 0.00	\$ 48,767,891.94
	Vanguard Group	Common/Collective Trust VGD TRGT RTMT 2045 TRUST II	\$ 0.00	\$ 19,987,007.38
	Vanguard Group	Common/Collective Trust VGD TRGT RTMT 2050 TRUST II	\$ 0.00	\$ 26,807,530.52
	Vanguard Group	Common/Collective Trust VGD TRGT RTMT 2055 TRUST II	\$ 0.00	\$ 14,262,416.06
	Vanguard Group	Common/Collective Trust VGD TRGT RTMT 2060 TRUST II	\$ 0.00	\$ 11,142,898.56
	Vanguard Fiduciary Trust Company	Common/Collective Trust VGD TRGT RTMT 2065 TRUST II	\$ 0.00	\$ 2,171,721.42
	VANGUARD FIDUCIARY TRUST COMPANY	Common/Collective Trust VGD TRGT RTMT 2070 TRUST II	\$ 0.00	\$ 184,732.16
*	Participant Loans	Range of Interest Rates Rates Range From 3.25% To 9.25%	\$ 0.00	\$ 19,520,087.00