

**Form 5500-SF**Department of the Treasury  
Internal Revenue ServiceDepartment of Labor  
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

**Short Form Annual Return/Report of Small Employee  
Benefit Plan**This form is required to be filed 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-SF.**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 06/01/2022

- A** This return/report is for:  a single-employer plan  a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- 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** Check box if filing under:  Form 5558  automatic extension  DFVC program  
 special extension (enter description)
- D** If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. . . . . ▶

**Part II Basic Plan Information**—enter all requested information

<b>1a</b> Name of plan TRANSPORT REFRIGERATION SERVICE, INC. CASH BALANCE PLAN	<b>1b</b> Three-digit plan number (PN) ▶ 002
	<b>1c</b> Effective date of plan 01/01/2017
<b>2a</b> 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) TRANSPORT REFRIGERATION SERVICE, INC.  1180 JOHN A. PAPALAS DR. LINCOLN PARK, MI 48146	<b>2b</b> Employer Identification Number (EIN) 38-1859574
	<b>2c</b> Sponsor's telephone number 313-383-3005
	<b>2d</b> Business code (see instructions) 484200
<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor.	<b>3b</b> Administrator's EIN
	<b>3c</b> Administrator's telephone number
<b>4</b> 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. <b>a</b> Sponsor's name <b>c</b> Plan Name	<b>4b</b> EIN
	<b>4d</b> PN
<b>5a</b> Total number of participants at the beginning of the plan year.....	<b>5a</b> 32
<b>b</b> Total number of participants at the end of the plan year .....	<b>5b</b> 0
<b>c</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) .....	<b>5c</b>
<b>d(1)</b> Total number of active participants at the beginning of the plan year .....	<b>5d(1)</b> 27
<b>d(2)</b> Total number of active participants at the end of the plan year.....	<b>5d(2)</b> 0
<b>e</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	<b>5e</b> 0

**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, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, 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.

<b>SIGN HERE</b>	Filed with authorized/valid electronic signature.	01/17/2023	MARK SPARKMAN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
<b>SIGN HERE</b>			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

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

Form 5500-SF (2022)  
v.220413

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) .....  Yes  No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) .....  Yes  No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? .....  Yes  No  Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year: 483069. (See instructions.)

<b>Part III Financial Information</b>			
<b>7</b>		<b>(a) Beginning of Year</b>	<b>(b) End of Year</b>
<b>a</b>	Total plan assets.....	1451674	0
<b>b</b>	Total plan liabilities.....		
<b>c</b>	Net plan assets (subtract line 7b from line 7a).....	1451674	0
<b>8</b>		<b>(a) Amount</b>	<b>(b) Total</b>
<b>a</b>	Contributions received or receivable from:		
	(1) Employers.....	68667	
	(2) Participants.....		
	(3) Others (including rollovers).....		
<b>b</b>	Other income (loss).....	-93398	
<b>c</b>	Total income (add lines 8a(1), 8a(2), 8a(3), and 8b).....		-24731
<b>d</b>	Benefits paid (including direct rollovers and insurance premiums to provide benefits).....	1425548	
<b>e</b>	Certain deemed and/or corrective distributions (see instructions).....		
<b>f</b>	Administrative service providers (salaries, fees, commissions).....	1395	
<b>g</b>	Other expenses.....		
<b>h</b>	Total expenses (add lines 8d, 8e, 8f, and 8g).....		1426943
<b>i</b>	Net income (loss) (subtract line 8h from line 8c).....		-1451674
<b>j</b>	Transfers to (from) the plan (see instructions).....		

<b>Part IV Plan Characteristics</b>	
<b>9a</b>	If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions: <u>1C</u>
<b>b</b>	If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

<b>Part V Compliance Questions</b>				
<b>10</b>		<b>Yes</b>	<b>No</b>	<b>Amount</b>
<b>a</b>	Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program).....		X	
<b>b</b>	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.).....		X	
<b>c</b>	Was the plan covered by a fidelity bond?.....	X		200000
<b>d</b>	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?.....		X	
<b>e</b>	Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.).....		X	
<b>f</b>	Has the plan failed to provide any benefit when due under the plan?.....		X	
<b>g</b>	Did the plan have any participant loans? (If "Yes," enter amount as of year-end.).....		X	
<b>h</b>	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.).....			
<b>i</b>	If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.....			

**Part VI Pension Funding Compliance**

**11** Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and lines 11a and b below.) If this is a defined contribution pension plan, leave line 11 blank and complete line 12 below.  Yes  No

**a** Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40..... **11a** 0

**b PBGC missed contribution reporting requirements.** If the plan is covered by PBGC and the amount reported on line 11a is greater than \$0, 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 \_\_\_\_\_

**12** Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? .....  Yes  No  
 (If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above.

**a** 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 letter ruling granting the waiver. ....Month Day Year

**If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.**

**b** Enter the minimum required contribution for this plan year ..... **12b**

**c** Enter the amount contributed by the employer to the plan for this plan year ..... **12c**

**d** Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount) ..... **12d**

**e** Will the minimum funding amount reported on line 12d be met by the funding deadline?.....  Yes  No  N/A

**Part VII Plan Terminations and Transfers of Assets**

**13a** Has a resolution to terminate the plan been adopted in any plan year? .....  Yes  No

If "Yes," enter the amount of any plan assets that reverted to the employer this year..... **13a** 0

**b** Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?.....  Yes  No

**c** 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.)

<b>13c(1)</b> Name of plan(s):	<b>13c(2)</b> EIN(s)	<b>13c(3)</b> PN(s)

<b>SCHEDULE SB (Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Single-Employer Defined Benefit Plan Actuarial Information</b>  This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).  <b>▶ File as an attachment to Form 5500 or 5500-SF.</b>	<small>OMB No. 1210-0110</small>  <b>2022</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 06/01/2022

▶ **Round off amounts to nearest dollar.**  
 ▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

<b>A</b> Name of plan <u>TRANSPORT REFRIGERATION SERVICE, INC. CASH BALANCE PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>002</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>TRANSPORT REFRIGERATION SERVICE, INC.</u>	<b>D</b> Employer Identification Number (EIN) <u>38-1859574</u>	

**E** Type of plan:  Single  Multiple-A  Multiple-B **F** Prior year plan size:  100 or fewer  101-500  More than 500

**Part I Basic Information**

<b>1</b> Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2022</u>			
<b>2</b> Assets:			
a Market value.....	<b>2a</b>	<u>1447640</u>	
b Actuarial value.....	<b>2b</b>	<u>1447640</u>	
<b>3</b> Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment .....	<u>0</u>	<u>0</u>	<u>0</u>
b For terminated vested participants.....	<u>5</u>	<u>27130</u>	<u>27130</u>
c For active participants.....	<u>27</u>	<u>1181191</u>	<u>1181191</u>
d Total .....	<u>32</u>	<u>1208321</u>	<u>1208321</u>
<b>4</b> If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>			
a Funding target disregarding prescribed at-risk assumptions.....	<b>4a</b>		
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....	<b>4b</b>		
<b>5</b> Effective interest rate.....	<b>5</b>	<u>5.33 %</u>	
<b>6</b> Target normal cost .....			
a Present value of current plan year accruals.....	<b>6a</b>	<u>99308</u>	
b Expected plan-related expenses .....	<b>6b</b>	<u>0</u>	
c Total (line 6a + line 6b) .....	<b>6c</b>	<u>99308</u>	

**Statement by Enrolled Actuary**  
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

<b>SIGN HERE</b>	Signature of actuary  <u>MICHAEL J STROME, FSA, EA, MAAA</u> Type or print name of actuary  <u>STROME ACTUARIAL SERVICES, LLC</u> Firm name  <u>31313 NORTHWESTERN HWY, SUITE 114</u> <u>FARMINGTON HILLS, MI 48334</u>  Address of the firm	<u>01/10/2023</u> Date  <u>20-06160</u> Most recent enrollment number  <u>248-461-3625</u> Telephone number (including area code)
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If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

<b>Part II Beginning of Year Carryover and Prefunding Balances</b>		(a) Carryover balance	(b) Prefunding balance
<b>7</b>	Balance at beginning of prior year after applicable adjustments (line 13 from prior year).....	0	245643
<b>8</b>	Portion elected for use to offset prior year's funding requirement (line 35 from prior year) .....	0	191648
<b>9</b>	Amount remaining (line 7 minus line 8) .....	0	53995
<b>10</b>	Interest on line 9 using prior year's actual return of <u>11.07</u> % .....	0	5977
<b>11</b>	Prior year's excess contributions to be added to prefunding balance:		
	<b>a</b> Present value of excess contributions (line 38a from prior year).....		195992
	<b>b(1)</b> Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.50</u> %.....		0
	<b>b(2)</b> Interest on line 38b from prior year Schedule SB, using prior year's actual return .....		0
	<b>c</b> Total available at beginning of current plan year to add to prefunding balance.....		195992
	<b>d</b> Portion of (c) to be added to prefunding balance.....		195992
<b>12</b>	Other reductions in balances due to elections or deemed elections.....	0	0
<b>13</b>	Balance at beginning of current year (line 9 + line 10 + line 11d - line 12).....	0	255964

<b>Part III Funding Percentages</b>			
<b>14</b>	Funding target attainment percentage.....	<b>14</b>	98.62 %
<b>15</b>	Adjusted funding target attainment percentage .....	<b>15</b>	121.17 %
<b>16</b>	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement.....	<b>16</b>	103.33 %
<b>17</b>	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage. ....	<b>17</b>	%

<b>Part IV Contributions and Liquidity Shortfalls</b>		<b>18 Contributions made to the plan for the plan year by employer(s) and employees:</b>					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees		
<b>Totals ▶</b>			<b>18(b)</b>	0	<b>18(c)</b>	0	

**19** Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

<b>a</b> Contributions allocated toward unpaid minimum required contributions from prior years.....	<b>19a</b>	0
<b>b</b> Contributions made to avoid restrictions adjusted to valuation date. ....	<b>19b</b>	0
<b>c</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date. ....	<b>19c</b>	0

**20** Quarterly contributions and liquidity shortfalls:

**a** Did the plan have a "funding shortfall" for the prior year? .....  Yes  No

**b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? .....  Yes  No

**c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

**Part V Assumptions Used to Determine Funding Target and Target Normal Cost**

**21** Discount rate:

<b>a</b> Segment rates:	1st segment: 4.75 %	2nd segment: 5.18 %	3rd segment: 5.92 %	<input type="checkbox"/> N/A, full yield curve used
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**b** Applicable month (enter code)..... **21b** 2

**22** Weighted average retirement age ..... **22** 65

**23** Mortality table(s) (see instructions)  Prescribed - combined  Prescribed - separate  Substitute

**Part VI Miscellaneous Items**

**24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ....  Yes  No

**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ....  Yes  No

**26** Demographic and benefit information

**a** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ....  Yes  No

**b** Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...  Yes  No

**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment ..... **27**

**Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years**

<b>28</b> Unpaid minimum required contributions for all prior years.....	<b>28</b>	0
<b>29</b> Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	<b>29</b>	0
<b>30</b> Remaining amount of unpaid minimum required contributions (line 28 minus line 29).....	<b>30</b>	0

**Part VIII Minimum Required Contribution For Current Year**

**31** Target normal cost and excess assets (see instructions):

<b>a</b> Target normal cost (line 6c).....	<b>31a</b>	99308
<b>b</b> Excess assets, if applicable, but not greater than line 31a .....	<b>31b</b>	0

<b>32</b> Amortization installments:	Outstanding Balance	Installment
<b>a</b> Net shortfall amortization installment .....	16645	1538
<b>b</b> Waiver amortization installment.....	0	0

**33** If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_) and the waived amount..... **33**

<b>34</b> Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	<b>34</b>	100846
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	Carryover balance	Prefunding balance	Total balance
<b>35</b> Balances elected for use to offset funding requirement.....	0	100846	100846

**36** Additional cash requirement (line 34 minus line 35)..... **36** 0

**37** Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)..... **37** 0

**38** Present value of excess contributions for current year (see instructions)

<b>a</b> Total (excess, if any, of line 37 over line 36)	<b>38a</b>	0
<b>b</b> Portion included in line 38a attributable to use of prefunding and funding standard carryover balances .....	<b>38b</b>	

**39** Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)..... **39** 0

**40** Unpaid minimum required contributions for all years..... **40** 0

**Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)**

**41** If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies.  2019  2020  2021



## **Valuation Assumptions and Methods**

### **Traditional Unit Credit**

The actuarial cost method used in the valuation is the unit credit cost method.

The normal cost is the sum of all the individual normal costs for each participant. For active participants, the individual normal cost is the present value of the benefit earned during the year being valued. For active participants whose credited service equals or exceeds the plan maximum, if any, and for non-active participants, the normal cost is zero.

The actuarial accrued liability is the sum of the individual accrued liabilities for all participants. The individual accrued liability for an active participant is the present value of the accrued benefit as of the valuation date. The unfunded liability is the actuarial accrued liability less the valuation assets, and is referred to as the "shortfall."

The total annual cost of the plan is the normal cost plus an amount to amortize the shortfall amount.

### **Projected Unit Credit**

The projected unit credit cost method is used for computing pension cost under current accounting rules. It is also used in one portion of the calculation of the maximum deductible contribution.

Under this method, the normal cost is the sum of the individual normal costs for all participants. For an active participant, the individual normal cost is the present value at the current age of the projected benefit at the assumed retirement age, based on the actuarial assumption, divided by the participant's expected years of credited service at that age. For a non-active participant, the normal cost is zero.

The actuarial accrued liability is the sum of the individual accrued liabilities for all plan participants. For an active participant, the individual accrued liability is the product of the normal cost and the total years of credited service at the current age. For non-active participants, the individual accrued liability is the present value at the current age of future benefits. The unfunded actuarial accrued liability equals the actuarial accrued liability less the valuation assets.

Transport Refrigeration Service, Inc. Cash Balance Plan

EIN: 38-1859574

PN: 002

Attachment to the 2022 Form 5500 Schedule SB

## Valuation Assumptions and Methods (continued)

### Valuation Assets – Market Value

#### Minimum Funding Mandated Discount Rates (November look-back month)

	<b>2022</b>
PPA Funding – segment 1 – payments within 5 years	4.75%
PPA funding – segment 2 – payments between 5 and 20 years	5.18%
PPA funding – segment 3 – payments after 20 years	5.92%
Plan’s Effective Interest Rate	5.33%

#### Maximum Funding Mandated Discount Rates (November look-back month)

	<b>2022</b>
PPA Funding – segment 1 – payments within 5 years	1.76%
PPA funding – segment 2 – payments between 5 and 20 years	3.36%
PPA funding – segment 3 – payments after 20 years	3.76%

Salary Scale 3.00%

#### Retirement Rates (End of Year)

Age	Rate
65+	100%

Termination Rates None

Pre-Retirement Mortality None

Post-retirement Mortality (for Annuitants) As set forth in IRS Regulation 1.430(h)(3); static table, separate for males and females;

Post-retirement Mortality (to value lump sums) Under 1.430(d)-1(f)(4)(iii)(B), when valuing a lump sum distribution, the current Sec. 417(e) mortality table is substituted for the Sec. 430(h)(3) annuitant table that would otherwise be used in combination with valuation interest rates under Sec. 430(h)(2)

Transport Refrigeration Service, Inc. Cash Balance Plan

EIN: 38-1859574

PN: 002

*Attachment to the 2022 Form 5500 Schedule SB*

## **Valuation Assumptions and Methods (continued)**

<b>Rates of Disablement</b>	None
<b>Administrative Expenses</b>	None
<b>Probability of Payment Form</b>	Lump Sum – 100%
<b>Changes since previous valuation</b>	The valuation date was changed from the beginning of the plan year to the end of the plan year.  The salary scale assumption changed from none to 3.00%.

**Form 5500-SF**

Department of the Treasury  
Internal Revenue Service

Department of Labor  
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

**Short Form Annual Return/Report of Small Employee Benefit Plan**

This form is required to be filed 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-SF.**

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 06/01/2022

**A** This return/report is for:  a single-employer plan  a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)

**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)

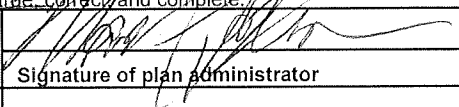
**C** Check box if filing under:  Form 5558  automatic extension  DFVC program  
 special extension (enter description)

**D** If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. . . . .

**Part II Basic Plan Information—enter all requested information**

<b>1a</b> Name of plan Transport Refrigeration Service, Inc. Cash Balance Plan	<b>1b</b> Three-digit plan number (PN) ▶	002
	<b>1c</b> Effective date of plan	01/01/2017
<b>2a</b> 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) Transport Refrigeration Service, Inc.  1180 John A. Papalas Dr.  Lincoln Park MI 48146	<b>2b</b> Employer Identification Number (EIN)	38-1859574
	<b>2c</b> Sponsor's telephone number	313-383-3005
	<b>2d</b> Business code (see instructions)	484200
<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor.	<b>3b</b> Administrator's EIN	
	<b>3c</b> Administrator's telephone number	
<b>4</b> 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. <b>a</b> Sponsor's name <b>c</b> Plan Name	<b>4b</b> EIN	
	<b>4d</b> PN	
<b>5a</b> Total number of participants at the beginning of the plan year .....	<b>5a</b>	32
<b>b</b> Total number of participants at the end of the plan year.....	<b>5b</b>	0
<b>c</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....	<b>5c</b>	
<b>d(1)</b> Total number of active participants at the beginning of the plan year.....	<b>5d(1)</b>	27
<b>d(2)</b> Total number of active participants at the end of the plan year.....	<b>5d(2)</b>	0
<b>e</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested .....	<b>5e</b>	0

**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, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, 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.

<b>SIGN HERE</b>		<u>1-17-2023</u>	Mark Sparkman
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
<b>SIGN HERE</b>			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

**SCHEDULE SB  
(Form 5500)**

Department of the Treasury  
Internal Revenue Service

Department of Labor  
Employee Benefits Security Administration  
Pension Benefit Guaranty Corporation

**Single-Employer Defined Benefit Plan  
Actuarial Information**

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

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 06/01/2022

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.


<b>A</b> Name of plan TRANSPORT REFRIGERATION SERVICE, INC. CASH BALANCE PLAN		<b>B</b> Three-digit plan number (PN) ▶	002
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF TRANSPORT REFRIGERATION SERVICE, INC.		<b>D</b> Employer Identification Number (EIN) 38-1859574	
<b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B		<b>F</b> Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500	

**Part I Basic Information**

<b>1</b> Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2022</u>			
<b>2</b> Assets:			
<b>a</b> Market value.....	<b>2a</b>	1,447,640	
<b>b</b> Actuarial value.....	<b>2b</b>	1,447,640	
<b>3</b> Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
<b>a</b> For retired participants and beneficiaries receiving payment.....	0	0	0
<b>b</b> For terminated vested participants.....	5	27,130	27,130
<b>c</b> For active participants.....	27	1,181,191	1,181,191
<b>d</b> Total.....	32	1,208,321	1,208,321
<b>4</b> If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>			
<b>a</b> Funding target disregarding prescribed at-risk assumptions.....	<b>4a</b>		
<b>b</b> Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....	<b>4b</b>		
<b>5</b> Effective interest rate.....	<b>5</b>	5.33%	
<b>6</b> Target normal cost.....			
<b>a</b> Present value of current plan year accruals.....	<b>6a</b>	99,308	
<b>b</b> Expected plan-related expenses.....	<b>6b</b>	0	
<b>c</b> Total (line 6a + line 6b).....	<b>6c</b>	99,308	

**Statement by Enrolled Actuary**

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

<b>SIGN HERE</b>		<u>1/10/2023</u>
	Signature of actuary	Date
	MICHAEL J STROME, FSA, EA, MAAA	2006160
	Type or print name of actuary	Most recent enrollment number
	STROME ACTUARIAL SERVICES, LLC	248-461-3625
	Firm name	Telephone number (including area code)
	31313 NORTHWESTERN HWY, SUITE 114	
	FARMINGTON HILLS MI 48334	
	Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

**For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.**

**Schedule SB (Form 5500) 2022  
v. 220413**



**Part V Assumptions Used to Determine Funding Target and Target Normal Cost**

**21** Discount rate:

**a** Segment rates:

1st segment: 4.75 %	2nd segment: 5.18 %	3rd segment: 5.92 %	<input type="checkbox"/> N/A, full yield curve used
------------------------	------------------------	------------------------	---

**b** Applicable month (enter code) ..... **21b** 2

**22** Weighted average retirement age ..... **22** 65

**23** Mortality table(s) (see instructions)  Prescribed - combined  Prescribed - separate  Substitute

**Part VI Miscellaneous Items**

**24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.....  Yes  No

**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.....  Yes  No

**26** Demographic and benefit information

**a** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.....  Yes  No

**b** Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment...  Yes  No

**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment..... **27**

**Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years**

**28** Unpaid minimum required contributions for all prior years ..... **28** 0

**29** Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)..... **29** 0

**30** Remaining amount of unpaid minimum required contributions (line 28 minus line 29) ..... **30** 0

**Part VIII Minimum Required Contribution For Current Year**

**31** Target normal cost and excess assets (see instructions):

**a** Target normal cost (line 6c) ..... **31a** 99,308

**b** Excess assets, if applicable, but not greater than line 31a ..... **31b** 0

**32** Amortization installments:

	Outstanding Balance	Installment
<b>a</b> Net shortfall amortization installment .....	16,645	1,538
<b>b</b> Waiver amortization installment.....	0	0

**33** If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_) and the waived amount ..... **33**

**34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).... **34** 100,846

	Carryover balance	Prefunding balance	Total balance
<b>35</b> Balances elected for use to offset funding requirement .....	0	100,846	100,846

**36** Additional cash requirement (line 34 minus line 35) ..... **36** 0

**37** Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) ..... **37** 0

**38** Present value of excess contributions for current year (see instructions)

**a** Total (excess, if any, of line 37 over line 36) ..... **38a** 0

**b** Portion included in line 38a attributable to use of prefunding and funding standard carryover balances..... **38b**

**39** Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) ..... **39** 0

**40** Unpaid minimum required contributions for all years ..... **40** 0

**Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)**

**41** If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies.  2019  2020  2021



Transport Refrigeration Service, Inc. Cash Balance Plan

EIN: 38-1859574

PN: 002

*Attachment to the 2022 Form 5500 Schedule SB*

## Summary of Principal Plan Provisions

### A. Plan Provisions

<b>Plan Name</b>	Transport Refrigeration Service, Inc. Cash Balance Plan
<b>Plan effective date</b>	January 1, 2017
<b>Eligibility provisions:</b>	
Participation	Age 18 and Completion of 6 months of Service
Normal retirement	Age 65
Early Retirement	N/A
Late retirement	Employment continues after normal retirement date
Vesting schedule	100% Immediate Vesting
Disability	No disability benefit
Pre-Retirement Death	Beneficiary receives death benefit equal to Actuarial Equivalent of the Accrued Benefit
Accrued Benefit	Actuarial Equivalent of Cash Balance
Cash Balance	Cash Balance is the accumulated value of a participant's Hypothetical Allocations and Interest Credits, according to the Plan Document.
Cash Balance Interest Credit	4.00% per year

Transport Refrigeration Service, Inc. Cash Balance Plan

EIN: 38-1859574

PN: 002

*Attachment to the 2022 Form 5500 Schedule SB*

## Summary of Principal Plan Provisions (continued)

Definitions:

Actuarial equivalence:

General

Applicable Mortality Table, 5.00% Pre and Post-Retirement Interest

For lump sums

As required by IRC Section 417(e) with applicable interest rates posted for December prior to the plan year during which the lump sum is paid

Unreduced payment form

Single Life Annuity

Optional payment forms

Joint and survivor with 50% continuing to beneficiary (spouse or non-spouse);

Lump Sum

**Changes since prior valuation**

The plan was frozen as of April 18, 2022 and terminated as of June 1, 2022.

**Other qualified retirement plans**

Transport Refrigeration Services, Inc. 401(k) Profit Sharing Plan

**Transport Refrigeration Service, Inc. Cash Balance Plan**

**EIN: 38-1859574**

**PN: 002**

**Attachment to the 2022 Form 5500 Schedule SB**

*Line 32 - Schedule of Amortization Bases*

The table below lists the Funding Target Shortfall amortization bases included in the calculation of the Plan's Minimum Required Contribution as of January 1, 2022.

Date Established	Initial Period	Period Remaining	Balance		Annual Payment
			Original	Remaining	
<b>Shortfall Charge Bases:</b>					
1/1/2022	15	15	16,645	16,645	1,538
<b>Shortfall Credit Bases:</b>					
None					
	<b>Total</b>			<b>16,645</b>	<b>1,538</b>

**Transport Refrigeration Service, Inc. Cash Balance Plan**

**EIN: 38-1859574**

**PN: 002**

***Attachment to the 2022 Form 5500 Schedule SB***

*Line 25 – Description of Method Change*

The valuation date was changed from the end of the Plan Year to the beginning of the Plan Year starting with the 2022 Plan Year valuation.

**Transport Refrigeration Service, Inc. Cash Balance Plan**

**EIN: 38-1859574**

**PN: 002**

***Attachment to the 2022 Form 5500 Schedule SB***

*Line 24 – Description of Assumption Change*

The salary scale assumption changed from none to 3.00%.