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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 11-K**

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**ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the fiscal year ended December 31, 2018

OR

**TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

**Commission file number** 001-00566

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A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

**Greif 401(k) Retirement Plan**

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

**Greif, Inc.  
425 Winter Road  
Delaware, Ohio 43015**

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## REQUIRED INFORMATION

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

<b><u>Description</u></b>	<b><u>Page No.</u></b>
Financial Statements:	
As of December 31, 2018 and 2017 and for the year ended December 31, 2018	
Report of Independent Registered Public Accounting Firm	2
Statements of Net Assets Available for Benefits	3
Statement of Changes in Net Assets Available for Benefits	4
Notes to Financial Statements	5
Supplemental Schedule: Schedule H, Part IV, Line 4i - Schedule of Assets (Held at End of Year)	11
Signatures	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.

The following exhibits are being filed herewith:

<b><u>Exhibit No.</u></b>	<b><u>Description</u></b>
23.1	Consent of Independent Registered Public Accounting Firm

## Report of Independent Registered Public Accounting Firm

To the Plan Administrator and Participants  
Greif 401(k) Retirement Plan  
Delaware, Ohio

### Opinion on the Financial Statements

We have audited the accompanying statements of net assets available for benefits of the Greif 401(k) Retirement Plan (the "Plan") as of December 31, 2018 and 2017, the related statement of changes in net assets available for benefits for the year ended December 31, 2018, and the related notes (collectively, the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2018 and 2017, and the changes in net assets available for benefits for the year ended December 31, 2018, in conformity with accounting principles generally accepted in the United States of America.

### Basis for Opinion

These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on the Plan's financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("PCAOB") and are required to be independent with respect to the Plan in accordance with U.S. federal securities laws and the applicable rules and regulations of the Securities Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. The Plan is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risk of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by the Plan's management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

### Supplemental Information

The supplemental information in the accompanying schedule of assets (held at end of year) as of December 31, 2018 has been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The supplemental information is presented for the purpose of additional analysis and is not a required part of the financial statements but included supplemental information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental information is the responsibility of the Plan's management. Our audit procedures included determining whether the supplemental information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information, we evaluated whether the supplemental information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental information is fairly stated, in all material respects, in relation to the financial statements as a whole.

GBQ Partners LLC  
We have served as the Plan's auditor since 2017.  
Columbus, Ohio  
June 28, 2019

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

	December 31,	
	2018	2017
<b>Assets:</b>		
Investments at fair value (Note 3)	\$ 278,255,886	\$ 294,830,954
<b>Receivables:</b>		
Participant notes receivable	8,505,877	8,069,809
Participant contributions receivable	765,443	565,360
Employer contributions receivable	427,708	331,805
Accrued income and unsettled trades	50,046	63,535
Total receivables	9,749,074	9,030,509
<b>Net assets available for benefits</b>	<b>\$ 288,004,960</b>	<b>\$ 303,861,463</b>

*See accompanying notes to financial statements.*

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

	<b>Year Ended December 31, 2018</b>	
<b>Additions:</b>		
Contributions:		
Participant contributions	\$	16,116,119
Employer contributions		11,832,155
Rollover contributions		1,264,582
Total contributions		29,212,856
Interest income on participant notes receivable		426,681
Investment income (loss):		
Net depreciation in fair value of investments		(20,598,607)
Dividend income		4,433,776
Total investment income (loss)		(16,164,831)
Other income		16,037
<b>Total additions</b>		<b>13,490,743</b>
<b>Deductions:</b>		
Benefits paid to participants		28,851,838
Administrative fees		495,408
<b>Total deductions</b>		<b>29,347,246</b>
Net decrease in net assets		(15,856,503)
Net assets available for benefits, beginning of year		303,861,463
Net assets available for benefits, end of year	\$	288,004,960

*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 complete information.

#### **General**

The Plan is a defined contribution plan covering all employees at adopting locations of Greif Packaging LLC (the "Sponsor"), 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. Greif Packaging LLC is both the Sponsor and Administrator and 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. Wells Fargo Bank, N.A. (the "Trustee") 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, 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 3 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 22 mutual funds at registered investment companies, two pooled accounts of common collective trusts, a money market fund 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 nonvested balances. If a participant is rehired within a five year period, the forfeited contributions are reinstated. Forfeited balances of terminated participant's nonvested accounts are used to reduce the administrative expenses of the Plan or future employer contributions. Unallocated forfeitures balances as of December 31, 2018

and 2017 were approximately \$17,000 and \$34,000, respectively. Forfeitures used to reduce employer contributions in 2018 were approximately \$253,000.

#### **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 15 years 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, 2018, participant loans have maturities through 2033 at interest rates ranging from 4.25 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, 2018 and 2017.

#### **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 has been recorded as of December 31, 2018 or 2017. 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.

### **Subsequent Events**

On February 11, 2019, the Company completed its acquisition of Caraustar Industries, Inc. The Company is still in the process of assessing the Caraustar Industries, Inc. Employees' Savings Plan.

### **New Accounting Standards Not Yet Effective**

In February 2017, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2017-06, Plan Accounting: Defined Benefit Pension Plans (Topic 960), Defined Contribution Pension Plans (Topic 962), Health and Welfare Benefit Plans (Topic 965): Employee Benefit Plan Master Trust Reporting. This update clarifies presentation requirements for a plan's interest in a master trust and requires more detailed disclosures of the plan's interest. The amendment in this update will be effective calendar year 2019 on a retrospective basis. Early adoption is permitted. The Plan is in the process of determining the potential impact of adopting this guidance on its net assets available for benefits, changes in net assets available for benefits and disclosures, but it is not expected to have a material impact.

In July 2018, the FASB issued ASU No. 2018-09, Codification Improvements. This update provides amendments to a wide variety of topics in the FASB's Accounting Standards Codification, which applies to all reporting entities within the scope of the affected accounting guidance. The transition and effective date guidance are based on the facts and circumstances of each amendment. Some of the amendments do not require transition guidance and were effective upon issuance. However, many of the amendments do have transition guidance with effective dates for annual periods beginning after December 15, 2018. The Plan is in the process of determining the potential impact of adopting this guidance on its net assets available for benefits, changes in net assets available for benefits and disclosures, but it is not expected to have a material impact.

In August 2018, the FASB issued ASU 2018-13, Fair Value Measurement - Disclosure Framework (Topic 829). This update modifies the disclosure requirements for fair value measurements. The update is effective for public companies for annual and interim periods beginning after December 15, 2019. Early adoption is permitted for any removed or modified disclosures. The Plan is in the process of determining the potential impact of adopting this guidance on its net assets available for benefits, changes in net assets available for benefits and disclosures, but it is not expected to have a material impact.

### **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, 2018 and 2017. 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 trustee 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.
- *Money Markets Funds* are valued at cost plus accrued interest.

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, 2018 and 2017, respectively. Classification within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement.

**Assets at Fair Value as of December 31, 2018**

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Total</b>
Mutual funds	\$ 231,914,130	\$ —	\$ —	\$ 231,914,130
Money market fund (1)	—	331,722	—	331,722
Common stocks	6,921,794	—	—	6,921,794
Total assets in the fair value hierarchy	238,835,924	331,722	—	239,167,646
Investments measured at net asset value (2)	—	—	—	39,088,240
Investments at fair value	\$ 238,835,924	\$ 331,722	\$ —	\$ 278,255,886

**Assets at Fair Value as of December 31, 2017**

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Total</b>
Mutual funds	\$ 245,240,491	\$ —	\$ —	\$ 245,240,491
Money market fund (1)	—	479,188	—	479,188
Common stocks	9,095,905	—	—	9,095,905
Total assets in the fair value hierarchy	254,336,396	479,188	—	254,815,584
Investments measured at net asset value (2)	—	—	—	40,015,370
Investments at fair value	\$ 254,336,396	\$ 479,188	\$ —	\$ 294,830,954

(1) The Fund invests in a portfolio of high-quality, short-term debt securities issued by governments, corporations, banks, and other financial institutions. All of the Fund's investments were valued using Level 2 inputs since the primary inputs include the credit quality of the issuer and short-term interest rates (both of which are observable) in addition to the use of amortized cost.

(2) 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 fiscal year 2018 or 2017.

**Note 4 - Party-in-Interest Transactions**

The Plan holds units in Wells Fargo Stable Return Fund N and Wells Fargo Advantage Heritage Money Market Fund, which are managed by the Trustee. The Plan also invests in the common stock of Greif, Inc. These transactions qualify as party-in-interest transactions; however, they are exempt from the prohibited transactions rules under ERISA.

As of December 31, 2018 and 2017, the Plan owned 630,259 and 649,860 shares of the Wells Fargo Stable Return Fund N with a fair value of \$34,918,237 and \$35,272,454, respectively.

As of December 31, 2018 and 2017, the Wells Fargo Advantage Heritage Money Market Fund had a fair value of \$331,722 and \$479,188, respectively.

As of December 31, 2018 and 2017, the Plan owned 186,521 and 120,564 shares of the Greif, Inc.'s Class A Common Stock with a fair value of \$6,921,794 and \$9,095,905, respectively. As of December 31, 2018 and 2017, the cost basis of Greif, Inc.'s Class A Common Stock was \$8,367,380 and \$6,544,284, respectively. Dividends received from Greif, Inc. were \$256,890 for the year ended December 31, 2018.

**Note 5 - Income Tax Status**

The Plan has received a determination letter from the Internal Revenue Service dated June 26, 2013, stating that the Plan is qualified under Section 401(a) of the Internal Revenue Code (the "Code") and, therefore, the related trust is exempt from taxation. Subsequent

to this determination by the Internal Revenue Service (IRS), the Plan was amended. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualified status. The Plan Sponsor believes the Plan is being operated in compliance with the applicable requirements of the Code 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, 2018 and 2017, 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 2015.

**Note 6 - Reconciliation of Financial Statements to the Form 5500**

The following is a reconciliation of amounts per the financial statements at December 31, 2018 and 2017, to the Form 5500:

<b>December 31,</b>	<b>2018</b>	<b>2017</b>
Net assets available for benefits per the financial statements	\$ 288,004,960	\$ 303,861,463
Less: Participant contributions receivable	765,443	565,360
Less: Employer contributions receivable	427,708	331,805
Net assets available for benefits per the Form 5500	<u>\$ 286,811,809</u>	<u>\$ 302,964,298</u>

The following is a reconciliation of employer contributions per the financial statements for the year ended December 31, 2018, to the Form 5500:

Employer contributions per the financial statements	\$ 11,832,155
Less: Employer contributions receivable at December 31, 2018	427,708
Plus: Employer contributions receivable at December 31, 2017	331,805
Employer contributions per the Form 5500	<u>\$ 11,736,252</u>

The following is a reconciliation of participant contributions per the financial statements for the year ended December 31, 2018, to the Form 5500:

Participant contributions per the financial statements	\$ 16,116,119
Less: Participant contributions receivable at December 31, 2018	765,443
Plus: Participant contributions receivable at December 31, 2017	565,360
Participant contributions per the Form 5500	<u>\$ 15,916,036</u>

# Greif 401(k) Retirement Plan Supplemental Schedule

Employer ID No: 436-3268123; Plan No: 001

## Schedule H, Part IV, Line 4i - Schedule of Assets (Held at End of Year) December 31, 2018

(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
* Wells Fargo Advantage Heritage Money Market	Money Market		\$ 331,722
<u>Equity Securities Mutual Funds</u>			
Vanguard Target Retirement 2030	Mutual Funds		24,504,273
Vanguard Target Retirement 2020	Mutual Funds		22,832,888
Vanguard Institutional Index	Mutual Funds		21,437,763
Vanguard Target Retirement 2040	Mutual Funds		20,860,436
Dodge & Cox Stock	Mutual Funds		20,135,896
MainStay Large Cap Growth I	Mutual Funds		16,997,994
T. Rowe Price Mid-Cap Growth	Mutual Funds		16,154,614
American Funds EuroPacific Growth	Mutual Funds		14,096,352
Vanguard Target Retirement 2050	Mutual Funds		11,135,268
Vanguard Target Retirement 2025	Mutual Funds		8,240,811
Vanguard Small Cap Growth Index Admiral	Mutual Funds		6,743,901
Vanguard Target Retirement 2035	Mutual Funds		6,487,104
DFA U.S. Targeted Value I	Mutual Funds		5,163,176
Vanguard Target Retirement 2045	Mutual Funds		3,717,047
Vanguard Target Retirement 2055	Mutual Funds		3,005,827
Vanguard Target Retirement 2015	Mutual Funds		2,572,091
Vanguard Target Retirement 2060	Mutual Funds		2,197,818
Parametric Emerging Markets	Mutual Funds		710,024
Vanguard Target Retirement 2065	Mutual Funds		126,146
			207,119,429
<u>Fixed Income Mutual Funds</u>			
PIMCO Total Return	Mutual Funds		18,365,698
Vanguard Target Retirement Income	Mutual Funds		5,321,647
PIMCO Real Return/Institutional	Mutual Funds		1,107,356
			24,794,701
<u>Common/Collective Fixed Income Funds</u>			
* Wells Fargo Stable Return Fund N	Common Collective Funds		34,918,237
TS&W Collective/MID CAP Value TR	Common Collective Funds		4,170,003
			39,088,240
<u>Common Stock</u>			
* Greif, Inc. Class A Common Stock	Common Stock		6,921,794
<u>Loans to Participants</u>			
* Participant notes receivable	Interest rates of 4.25% to 9.25% Due dates range from 2019-2033		8,505,877
			\$ 286,761,763

Note: Column (d) is not applicable for participant-directed investments.

\* Indicates parties-in-interest to the Plan.

See accompanying Report of Independent Registered Public Accounting Firm

## Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

### **Greif 401(k) Retirement Plan**

Date: June 28, 2019

By: /s/ Bala Sathyanarayanan  
Printed Name: **Bala Sathyanarayanan**  
Title: **SR Vice President, CHRO**

## Consent of Independent Registered Public Accounting Firm

Greif 401(k) Retirement Plan  
Delaware, Ohio

We hereby consent to the incorporation by reference in the Registration Statement on Form S-8 (333-35048) of Greif, Inc. of our report dated June 28, 2019, relating to the financial statements and supplemental schedule of the Greif 401(k) Retirement Plan which appear in this Form 11-K for the year ended December 31, 2018.

/s/ GBQ Partners LLC  
Columbus, Ohio  
June 28, 2019