

GFL Environmental Inc

Solid Q4, guide in line: we see a balancing act as GFL reignites growth engine in '24

Reiterate Rating: NEUTRAL | PO: 38.50 USD | Price: 36.40 USD

Solid finish to a critical year....

GFL reported Q4 EBITDA of \$492mn, up 11.9% YoY, on a 3.4% sales gain. EBITDA was broadly in line with cons (\$490mn), supported by 200bp of margin expansion (solid waste +250bps) Takeaways: pricing was better (+7.9%) to offset weak volumes (-3.6%), cash from ops of \$401mn (flat YoY) & adj FCF of \$472mn (+89% YoY) came in line with guide (excl. \$145mn of growth investments, \$142mn cash taxed related to divestitures).

...with significant heavy lifting largely complete in 2023...

In our view, 2023 was a critical (and successful) year for GFL's story as a public entity: deployed \$890mn in 2023 (39 strategic acquisitions – more densifying via tuck-ins vs platform M&A), rationalize non-core assets (\$1.6bn of proceeds from divestitures), expanded EBITDA margin 120bps YoY, and de-levered balance sheet (4.1x vs 5.0x).

....2024 story shifts as GFL reignites growth engine

Key aspects of GFL's guidance (revenue \$8bn, EBITDA \$2.215bn, 100bps of margin expansion, baseline capex \$850-900mn, incremental growth capex \$250-300mn, \$600-650mn in M&A) broadly in line with expectations into results (cons EBITDA \$2.2bn). In our view, the shift by GFL from 'blocking & tackling' (i.e., divestitures, etc.) to reigniting growth (growth capex, M&A etc.) was well telegraphed and these sustainability projects are high returns (and consistent with peers). That said, we believe it is more of a balancing act for GFL given its leverage and seasonal FCF profile relative to peers.

GFL CEO attending BofA event next week - look for clues

BofA is hosting GFL at the Materials conference in Florida (Feb 29th), including Patrick Dovigi (Founder, CEO). We look forward to an update on the portfolio transformation (more to come post 2023?), GFL Infrastructure (see pure play comp re-ratings), price vs cost spread, visibility to FCF targets in out-years, narrowing gap vs peers, M&A runway.

Reiterate Neutral

We update our estimates post Q4 results. We raise our PO to C\$52/US\$38.5 (C\$46/US\$35) based on higher multiple given improving price vs cost spread and peers multiples have re-rerated (12.5x 2024 EBITDA vs 11.5x prior). Reiterate Neutral rating as we see more balanced risk/reward given growth prospects albeit higher net leverage.

Estimates(Dec) (C\$)	2022A	2023A	2024E	2025E	2026E
EPS	(0.72)	0.01	0.37	0.73	1.10
GAAP EPS	(1.07)	0.01	0.37	0.73	1.10
EPS Change (YoY)	60.7%	NM	NM	97.3%	50.7%
DPS	0.05	0.05	0.06	0.06	0.07
Common - Dual Listed EPS (C\$)	(0.72)	0.01	0.37	0.73	1.10
Common - Dual Listed DPS (C\$)	0.05	0.05	0.06	0.06	0.07
Valuation (Dec)					
P/E	NM	4,799.7x	132.9x	67.4x	44.7x
Dividend Yield	0.1%	0.1%	0.1%	0.1%	0.1%
EV / EBITDA*	15.7x	13.5x	12.2x	11.1x	10.2x
Free Cash Flow Yield*	-5.6%	-5.9%	-0.6%	2.3%	2.8%
* For full definitions of <i>iQ</i> method SM measures, see page 4.					

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Refer to important disclosures on page 5 to 8. Analyst Certification on page 3. Price
Objective Basis/Risk on page 3.

Timestamp: 21 February 2024 05:00AM EST

21 February 2024

Equity

Key Changes		
(C\$)	Previous	Current
Price Obj.	US\$35.00	US\$38.50
2024E Rev (m)	8,074.9	7,999.6
2025E Rev (m)	8,600.4	8,479.2
2026E Rev (m)	NA	8,924.8
2024E EBITDA (m)	2,215.2	2,214.8
2025E EBITDA (m)	2,429.7	2,429.6
2026E EBITDA (m)	NA	2,649.6

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Stock Data

Price (NYS / TOR)	36.40 USD / 49.26 CAD
Price Objective	38.50 USD / 52.00 CAD
Date Established	21-Feb-2024 / 21-Feb-2024
Investment Opinion	B-2-7 / B-2-7
52-Week Range	26.87 USD - 39.06 USD
Market Value (mn)	13,080 USD
Free Float	72.2%
Average Daily Value	38.23 USD
Shares Outstanding (mn)	359.3 / 359.3
BofA Ticker / Exchange	GFL / NYS
BofA Ticker / Exchange	YGFL / TOR
Bloomberg / Reuters	GFL US / GFL.N
ROE (2024E)	1.7%
Net Dbt to Eqty (Dec-	117.8%
2023A)	
ESGMeter™	Medium

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

iQmethod SM − Bus Performance*

iQprofile [™] GFL Environmental Inc

(CS Millions)	20224	20224	20245	20255	20265
(C\$ Millions) Return on Capital Employed	2022A 0.2%	2023A 0.9%	2024E 2.7%	2025E 3.1%	2026E 3.6%
Return on Capital Employed Return on Equity	-4.5%	0.9%	1.7%	3.1%	3.0% 4.2%
	0.9%	4.1%	8.2%		
Operating Margin Free Cash Flow				9.5% 400	10.8%
Free Casti Flow	(954)	(1,041)	(100)	400	500
i Q method [™] – Quality of Earnings*					
(C\$ Millions)	2022A	2023A	2024E	2025E	2026E
Cash Realization Ratio	NM	NM	12.3x	6.8x	4.9x
Asset Replacement Ratio	2.0x	2.0x	1.7x	1.3x	1.2x
Tax Rate	49.0%	83.2%	25.0%	25.0%	25.0%
Net Debt-to-Equity Ratio	152.0%	117.8%	108.1%	93.4%	79.4%
Interest Cover	0.1x	0.5x	1.4x	1.8x	2.3x
Income Statement Data (Dec)					
(C\$ Millions)	2022A	2023A	2024E	2025E	2026E
Sales	6,761	7,516	8,000	8,479	8,925
% Change	22.4%	11.2%	6.4%	6.0%	5.3%
Gross Profit	798	1,269	1,698	1,919	2,142
% Change	51.2%	59.2%	33.7%	13.0%	11.6%
EBITDA	1,721	2,004	2,215	2,430	2,650
% Change	17.6%	16.4%	10.5%	9.7%	9.1%
Net Interest & Other Income	(422)	(117)	(475)	(450)	(425)
Net Income (Adjusted)	(264)	4	136	268	404
	(204)	4	130	200	
% Change Free Cash Flow Data (Dec)	60.0%	NM	NM	97.3%	50.7%
Free Cash Flow Data (Dec)	60.0% 2022A	NM 2023A	NM 2024E	97.3% 2025E	
Free Cash Flow Data (Dec)					2026
Free Cash Flow Data (Dec) (C\$ Millions)	2022A	2023A	2024E	2025E	2026 l
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization	2022A (183)	2023A 32	2024E 137	2025E 269	2026 I 404 1,200
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital	2022A (183) 1,009	2023A 32 1,004	2024E 137 1,072	2025E 269 1,136	2026 l 404 1,200 (948)
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization	2022A (183) 1,009 (86)	2023A 32 1,004 31	2024E 137 1,072 (835)	2025E 269 1,136 (887) 0	2026l 404 1,200 (948)
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge	2022A (183) 1,009 (86) (196)	2023A 32 1,004 31 (252)	2024E 137 1,072 (835) 0	2025E 269 1,136 (887)	2026l 404 1,200 (948) 0
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net	2022A (183) 1,009 (86) (196) 552	2023A 32 1,004 31 (252) 165 (2,021)	2024E 137 1,072 (835) 0 1,301	2025E 269 1,136 (887) 0 1,315	2026l 404 1,200 (948) 0 1,325 (1,482)
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure	2022A (183) 1,009 (86) (196) 552 (2,051)	2023A 32 1,004 31 (252) 165	2024E 137 1,072 (835) 0 1,301 (1,775)	2025E 269 1,136 (887) 0 1,315 (1,433)	2026l 404 1,200 (948) 0 1,325 (1,482)
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow	2022A (183) 1,009 (86) (196) 552 (2,051) -954	2023A 32 1,004 31 (252) 165 (2,021) -1,041	2024E 137 1,072 (835) 0 1,301 (1,775) -100	2025E 269 1,136 (887) 0 1,315 (1,433) 400	2026l 404 1,200 (948) 0 1,325 (1,482) 500 25.0%
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change	2022A (183) 1,009 (86) (196) 552 (2,051) -954 53.4%	2023A 32 1,004 31 (252) 165 (2,021) -1,041 -9.1%	2024E 137 1,072 (835) 0 1,301 (1,775) -100 90.4%	2025E 269 1,136 (887) 0 1,315 (1,433) 400 NM	2026l 404 1,200 (948) C 1,325 (1,482) 500 25.0%
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase	2022A (183) 1,009 (86) (196) 552 (2,051) -954 53.4% NA	2023A 32 1,004 31 (252) 165 (2,021) -1,041 -9.1% NA	2024E 137 1,072 (835) 0 1,301 (1,775) -100 90.4% NA	2025E 269 1,136 (887) 0 1,315 (1,433) 400 NM NA	2026l 404 1,200 (948) (0 1,325 (1,482) 500 25.0%
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt	2022A (183) 1,009 (86) (196) 552 (2,051) -954 53.4% NA 0	2023A 32 1,004 31 (252) 165 (2,021) -1,041 -9.1% NA 0	2024E 137 1,072 (835) 0 1,301 (1,775) -100 90.4% NA 0	2025E 269 1,136 (887) 0 1,315 (1,433) 400 NM NA 0	20268 404 1,200 (948) 0 1,325 (1,482) 500 25.0%
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec)	2022A (183) 1,009 (86) (196) 552 (2,051) -954 53.4% NA 0	2023A 32 1,004 31 (252) 165 (2,021) -1,041 -9.1% NA 0	2024E 137 1,072 (835) 0 1,301 (1,775) -100 90.4% NA 0	2025E 269 1,136 (887) 0 1,315 (1,433) 400 NM NA 0	2026l 404 1,200 (948) 0 1,325 (1,482) 500 25.0% NA
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec)	2022A (183) 1,009 (86) (196) 552 (2,051) -954 53.4% NA 0 752	2023A 32 1,004 31 (252) 165 (2,021) -1,041 -9.1% NA 0 (393)	2024E 137 1,072 (835) 0 1,301 (1,775) -100 90.4% NA 0	2025E 269 1,136 (887) 0 1,315 (1,433) 400 NM NA 0	2026F 404 1,200 (948) 0 1,325 (1,482) 500 25.0% NA 0
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Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (C\$ Millions) Cash & Equivalents	2022A (183) 1,009 (86) (196) 552 (2,051) -954 53.4% NA 0 752	2023A 32 1,004 31 (252) 165 (2,021) -1,041 -9.1% NA 0 (393)	2024E 137 1,072 (835) 0 1,301 (1,775) -100 90.4% NA 0 0	2025E 269 1,136 (887) 0 1,315 (1,433) 400 NM NA 0 0 2025E	2026E 404 1,200 (948) 0 1,325 (1,482) 500 25.0% NA 0 0
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (C\$ Millions) Cash & Equivalents Trade Receivables	2022A (183) 1,009 (86) (196) 552 (2,051) -954 53.4% NA 0 752	2023A 32 1,004 31 (252) 165 (2,021) -1,041 -9.1% NA 0 (393) 2023A 136 1,080	2024E 137 1,072 (835) 0 1,301 (1,775) -100 90.4% NA 0 0 0 2024E 15 1,366	2025E 269 1,136 (887) 0 1,315 (1,433) 400 NM NA 0 0 2025E 392 1,835	2026l 404 1,200 (948) 0 1,325 (1,482) 500 25.0% NA 0 0 2026l 867 2,795
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (C\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets	2022A (183) 1,009 (86) (196) 552 (2,051) -954 53.4% NA 0 752 2022A 82 1,118 183	2023A 32 1,004 31 (252) 165 (2,021) -1,041 -9.1% NA 0 (393) 2023A 136 1,080 269	2024E 137 1,072 (835) 0 1,301 (1,775) -100 90.4% NA 0 0 2024E 15 1,366 175	2025E 269 1,136 (887) 0 1,315 (1,433) 400 NM NA 0 0 2025E 392 1,835 186	2026l 404 1,200 (948) 0 1,325 (1,482) 500 25.0% NA 0 0 2026l 867 2,795 196 6,637
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (C\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment	2022A (183) 1,009 (86) (196) 552 (2,051) -954 53.4% NA 0 752 2022A 82 1,118 183 6,540	2023A 32 1,004 31 (252) 165 (2,021) -1,041 -9.1% NA 0 (393) 2023A 136 1,080 269 6,981	2024E 137 1,072 (835) 0 1,301 (1,775) -100 90.4% NA 0 0 2024E 15 1,366 175 7,059	2025E 269 1,136 (887) 0 1,315 (1,433) 400 NM NA 0 0 2025E 392 1,835 186 6,855	2026E 404 1,200 (948) 0 1,325 (1,482) 500 25.0% NA 0 0 2026E 867 2,795 196 6,637 11,006
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (C\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets	2022A (183) 1,009 (86) (196) 552 (2,051) -954 53.4% NA 0 752 2022A 82 1,118 183 6,540 11,844	2023A 32 1,004 31 (252) 165 (2,021) -1,041 -9.1% NA 0 (393) 2023A 136 1,080 269 6,981 11,414	2024E 137 1,072 (835) 0 1,301 (1,775) -100 90.4% NA 0 0 2024E 15 1,366 175 7,059 11,399	2025E 269 1,136 (887) 0 1,315 (1,433) 400 NM NA 0 0 2025E 392 1,835 186 6,855 11,220	2026E 404 1,200 (948) 0 1,325 (1,482) 500 25.0% NA 0 0 2026E 867 2,795 196 6,637 11,006 21,500
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (C\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets	2022A (183) 1,009 (86) (196) 552 (2,051) -954 53.4% NA 0 752 2022A 82 1,118 183 6,540 11,844 19,768	2023A 32 1,004 31 (252) 165 (2,021) -1,041 -9.1% NA 0 (393) 2023A 136 1,080 269 6,981 11,414 19,879	2024E 137 1,072 (835) 0 1,301 (1,775) -100 90.4% NA 0 0 2024E 15 1,366 175 7,059 11,399 20,013	2025E 269 1,136 (887) 0 1,315 (1,433) 400 NM NA 0 0 2025E 392 1,835 186 6,855 11,220 20,488	2026E 404 1,200 (948) 0 1,325 (1,482) 500 25.0% NA 0 2026E 867 2,795 196 6,637 11,006 21,500
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (C\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt	2022A (183) 1,009 (86) (196) 552 (2,051) -954 53.4% NA 0 752 2022A 82 1,118 183 6,540 11,844 19,768 18	2023A 32 1,004 31 (252) 165 (2,021) -1,041 -9.1% NA 0 (393) 2023A 136 1,080 269 6,981 11,414 19,879 10	2024E 137 1,072 (835) 0 1,301 (1,775) -100 90.4% NA 0 0 2024E 15 1,366 175 7,059 11,399 20,013 10	2025E 269 1,136 (887) 0 1,315 (1,433) 400 NM NA 0 0 2025E 392 1,835 186 6,855 11,220 20,488 10	2026E 404 1,200 (948) 0 1,325 (1,482) 500 25.0% NA 0 2026E 867 2,795 196 6,637 11,006 21,500 10 772
Free Cash Flow Data (Dec) (C\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (C\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities	2022A (183) 1,009 (86) (196) 552 (2,051) -954 53.4% NA 0 752 2022A 82 1,118 183 6,540 11,844 19,768 18 2,674	2023A 32 1,004 31 (252) 165 (2,021) -1,041 -9.1% NA 0 (393) 2023A 136 1,080 269 6,981 11,414 19,879 10 1,801	2024E 137 1,072 (835) 0 1,301 (1,775) -100 90.4% NA 0 0 2024E 15 1,366 175 7,059 11,399 20,013 10 1,158	2025E 269 1,136 (887) 0 1,315 (1,433) 400 NM NA 0 0 2025E 392 1,835 186 6,855 11,220 20,488 10 751	2026E 404 1,200 (948) 0 1,325 (1,482) 500 25.0% NA 0 0 2026E 867 2,795 196 6,637 11,006 21,500 10 772 8,827 959

6,044

19,768

7,386

19,879

8,164

20,013

9,045

20,488

10,036

21,500

Company Sector

Industrial Machinery

Company Description

GFL is the fourth largest diversified environmental services company in North America that serves municipal, residential, commercial, and industrial customers. GFL is vertically integrated, owning 450+ post collection facilities, 160+ transfer stations, and 90+ landfills.

Investment Rationale

We have a positive long-term outlook for GFL Environmental given the stability of the solid waste industry, portfolio transformation, and M&A runway. Solid waste is a relatively defensive industry due to its diverse customer base, high degree of annuity-type revenue, essential service for the public health, and barriers to entry. That said, GFL's growth initiatives in 2024 are likely to weigh on FCF and de-leveraging prospects in the near-term.

Stock Data

Average Daily Volume	1,050,183
Shares / Common - Dual Listed	1.00

Quarterly Earnings Estimates

	2023	2024
Q1	-0.66A	NAE
Q2	0.72A	NAE
Q3	0.05A	NAE
Q4	-0.17A	NAE

Key Changes		
(C\$)	Previous	Current
Price Obj.	46.00	52.00
2024E EPS	0	0.37
2025E EPS	0.38	0.73
2026E EPS	NA	1.10



Total Equity

Total Equity & Liabilities

* For full definitions of $\emph{\textbf{IQ}} \textit{method}^{\textit{SM}}$ measures, see page 4.

Price objective basis & risk

GFL Environmental Inc (GFL / YGFL)

Our 12-month price objective of C\$52 (USD \$38.5) is based on a target 2024E EV/EBITDA multiple of 12.5x, a discount to the public national waste operators due to higher leverage & more back end weighted FCF. We believe EV/EBITDA is the most comparable metric due to high debt levels. We rely on comparable company analysis with a group of publicly traded nonhazardous waste operators, all of which are larger and more liquid than GFL. While GFL's growth profile is significantly higher than the national players, the higher leverage ratio and M&A integration are risks.

Upside risks: 1) driving stronger top line growth than the national players over the next 2-3 years, 2) expanding EBITDA margins (ie, driving profitable growth), 3) organically deleveraging its balance sheet over the cycle via free cash flow generation, 4) higher than expected synergies from acquisitions.

Downside risks: 1) More cyclical waste stream tied to construction, Industrial activity, new project development impact earnings more than expected, 2) struggle to generate free cash flow, limiting ability to de-lever balance sheet organically, 3) struggle to price the business above rising costs, 4) challenges with integrating acquisitions.

Analyst Certification

I, Michael Feniger, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

US - Machinery Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
BUY				
	AECOM	ACM	ACM US	Michael Feniger
	Blue Bird Corp	BLBD	BLBD US	Sherif El-Sabbahy
	Caterpillar Inc	CAT	CAT US	Michael Feniger
	CNH Industrial NV	CNHI	CNHI US	Michael Feniger
	Construction Partners Inc.	ROAD	ROAD US	Michael Feniger
	ESAB Corp	ESAB	ESAB US	Sherif El-Sabbahy
	Finning International Inc.	YFTT	FTT CN	Sherif El-Sabbahy
	H&E Equipment Services Inc	HEES	HEES US	Sherif El-Sabbahy
	Knife River Corp	KNF	KNF US	Sherif El-Sabbahy
	Republic Services	RSG	RSG US	Michael Feniger
	Techtronic Industries Co Ltd	TTNDF	669 HK	Michael Feniger
	Techtronic Industries Co Ltd	TTNDY	TTNDY US	Michael Feniger
	United Rentals Inc	URI	URI US	Michael Feniger
	Vulcan Materials	VMC	VMC US	Michael Feniger
	Waste Connections Inc	WCN	WCN US	Michael Feniger
	WillScot Mobile Mini	WSC	WSC US	Sherif El-Sabbahy
NEUTRAL				
	AGCO Corp	AGCO	AGCO US	Michael Feniger
	Deere & Co	DE	DE US	Michael Feniger
	Fluor	FLR	FLR US	Michael Feniger
	GFL Environmental Inc	GFL	GFL US	Michael Feniger
	GFL Environmental Inc	YGFL	GFL CN	Michael Feniger
	Jacobs Eng.	J	JUS	Michael Feniger



US - Machinery Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
	Kennametal Inc.	KMT	KMT US	Michael Feniger
	Martin Marietta Materials	MLM	MLM US	Michael Feniger
	NV5 Global Inc.	NVEE	NVEE US	Michael Feniger
	PACCAR Inc	PCAR	PCAR US	Michael Feniger
	RB Global, Inc	RBA	RBA US	Michael Feniger
	Waste Management	WM	WM US	Michael Feniger
UNDERPERFORM	Alliana Tournation Haldings Inc.	ALCAL	ALCALLIC	Charif El Cabbala
	Allison Transmission Holdings Inc.	ALSN	ALSN US	Sherif El-Sabbahy
	Casella	CWST	CWST US	Michael Feniger
	Cummins Inc	CMI	CMI US	Michael Feniger
	Herc Holdings Inc	HRI	HRI US	Sherif El-Sabbahy
	IPG Photonics	IPGP	IPGP US	Michael Feniger
	Oshkosh Corp.	OSK	OSK US	Michael Feniger
	Terex Corp.	TEX	TEX US	Michael Feniger
	Timken Company	TKR	TKR US	Michael Feniger

IQmethod[™] Measures Definitions

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) \times (1 $-$ Tax Rate) + Goodwill Amortization	Total Assets — Current Liabilities + ST Debt + Accumulated Goodwill Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations — Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt - Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations — Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt + Other LT Liabilities	Sales
EV / EBITDA	Enterprise Value	Basic EBIT + Depreciation + Amortization

Manethod 3^{ss} is the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

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GFL Environmental (GFL) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

GFL Environmental (YGFL) Price Chart



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Equity Investment Rating Distribution: Machinery/Diversified Manufacturing Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	27	42.19%	Buy	8	29.63%
Hold	17	26.56%	Hold	8	47.06%
Sell	20	31.25%	Sell	8	40.00%

Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

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Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster^{R2}

 Buy
 ≥ 10%
 ≤ 70%

 Neutral
 ≥ 0%
 ≤ 30%

 Underperform
 N/A
 ≥ 20%

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