Buy



Gravita (India)

BSE SENSEX S&P CNX 84,914 25,940

GRAVITA

	A.		
Sto	ck	Inf	0

Bloomberg	GRAV IN
Equity Shares (m)	69
M.Cap.(INRb)/(USDb)	172.3 / 2.1
52-Week Range (INR)	2700 / 730
1, 6, 12 Rel. Per (%)	12/165/177
12M Avg Val (INR m)	523
Free float (%)	36.6

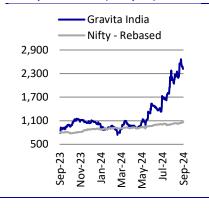
Financial Snapshot (INR b)

Y/E March	FY25E	FY26E	FY27E
Sales	41.0	53.2	69.8
EBITDA*	4.3	5.7	7.6
EBITDA Margin (%)*	10.4	10.6	10.9
Adj. PAT	3.1	4.2	5.7
Cons. Adj. EPS (INR)	44.3	60.5	82.8
EPS Gr. (%)	28	36	37
BV/Sh. (INR)	165	224	306
Ratios (%)			
Net D:E	0.4	0.3	0.2
RoE (%)	23.1	24.5	25.9
RoCE (%)	31.0	31.1	31.2
Valuations			
P/E (x)	56.4	41.3	30.2
EV/EBITDA (x)	41.5	31.5	23.4
*Adjusted			

Shareholding pattern (%)

As On	Jun-24	Mar-24	Jun-23			
Promoter	63.4	66.5	66.5			
DII	2.6	0.4	0.4			
FII	14.9	12.5	11.3			
Others	19.2	20.6	21.8			
FII Includes depository receipts						

Stock performance (one-year)



CMP: INR2,496 TP: INR2,900 (+16%)

Turning trash into triumph, globally

Gravita India Ltd (Gravita), one of the largest recycling companies in India, is wellpositioned to benefit from strong industry tailwinds and healthy traction within the sector. Its Lead recycling vertical, which accounted for ~88% of revenue in FY24, is expected to achieve significant growth in the domestic market due to favorable regulatory changes. Additionally, the expansion of its geographical reach and product portfolio will be key drivers of its international business.

- Gravita is well poised to benefit from the recent favorable regulatory changes implemented this month. The introduction of Environmental Compensation (EC) for non-compliance with Extended Producer Responsibility (EPR) targets, along with the Reverse Charge Mechanism (RCM) under GST for metal scrap, is likely to improve the availability of domestic scrap for the organized recycling industry.
- Further, Gravita's subsidiary has executed a Memorandum of Understanding (MOU) to acquire an 80% stake in a ~17,000 MTPA waste tyre recycling facility in Romania for INR320m. The remaining 20% will be held by other partners based in
- Gravita's entry into the European recycling market has significantly expanded its total addressable market (TAM), with the European total waste recycling market valued at ~USD155b as of CY22. The strong geographical and product portfolio expansion will be its key growth lever going forward.

Regulatory tailwinds to boost domestic scrap availability

- The Central Pollution Control Board (CPCB) has introduced EC for lead acid batteries of INR18 per kg for non-compliance of EPR targets according to the battery waste management rules (BWMR), 2022.
- This penalty/compensation on non-compliance would ensure timely compliances by the battery manufacturers, resulting in higher collection of batteries and improved demand within the battery recycling space.
- In addition, the GST Council has introduced RCM on metal scrap recently, which is a huge boost for the organized recycling industry players.
- Earlier, the organized players were not able to procure from unorganized small-scale suppliers as they were not able to claim input credit on GST paid by them due to the non-compliance by such vendors.
- However, with the introduction of RCM, companies can directly pay the GST themselves. This will ensure higher availability of domestic scrap for the organized recycling companies.
- The ease in availability of domestic scrap aids in reducing higher freight costs incurred by the recycling companies and also reduces the working capital requirement due to lower transit days for inventory (imported inventory requires a higher transit period, thus increasing the inventory days). This, in turn, improves the return ratios for the companies.
- Gravita, being a large-scale recycler with a Pan India presence, will be a key beneficiary of these favorable regulatory changes within the industry.

Sumant Kumar - Research Analyst (Sumant.Kumar@MotilalOswal.com)

Research Analyst: Meet Jain (Meet.Jain@MotilalOswal.com) | Omkar Shintre (Omkar.Shintre@MotilalOswal.com)

Diving into the European market: A small step that could lead to a giant leap!

- Gravita's step-down subsidiary, Gravita Netherlands BV (GNBV), has executed a MoU to acquire an 80% stake in a ~17,000 MTPA waste tyre recycling facility in Romania for INR320m.
- This acquisition will be carried out by forming a separate SPV where GNBV will hold an 80% stake (along with management control) and the remaining equity will be held by other partners based in Romania.
- We believe this acquisition is an initiative by Gravita to expand its recycling business across the larger European market, leveraging new market opportunities and establishing strategic partnerships to drive growth.
- Accordingly, with this first recycling plant in Europe, the company has significantly expanded its TAM and unlocked new growth avenues.
- Europe's tyre recycling market was estimated at ~USD871m in CY23 and is likely to reach USD1.2b by CY33 (clocking ~3.3% CAGR over the period).
- According to industry reports, the European waste recycling market size stood at ~USD155b as of CY22. Moreover, the European Recycling Industries Confederation (EuRIC) states that only ~39% of the collected waste is recycled in the EU, with ~32% recyclable waste being landfilled or incinerated. This underscores a significant scope of growth within the market for the existing as well as new players.
- Going forward, we expect the company's strong geographical (upcoming facilities in the US and Oman) as well as product portfolio (entering into steel, paper, and lithium ion) expansions will be a key growth lever.

Valuation and view

- Gravita is one of the key players within the burgeoning recycling industry in India. Going forward, we expect the company to report robust earnings growth on the back of: 1) strong growth within the Lead recycling segment fueled by favorable regulatory changes; 2) faster growth from the new segments (aluminum and plastic) and addition of the steel & paper segments; 3) robust capacity addition across segments; and 4) an improvement in the mix of value-added products.
- We increase our EPS estimates by 5%/7% for FY26/FY27E. We expect a revenue/EBITDA/PAT CAGR of 30%/32%/34% over FY24-27. We value the stock at 40x Sep'26E EPS to arrive at our TP of INR2,900. We reiterate our BUY rating on the stock.

Exhibit 1: Calculation of EC is based on the cost of handling, collection, and transportation as well as the cost of processing waste batteries

S. No.	Cost Components	INR		
1.	Handling, Collection and Transportation	3,000 per tonne		
2. Processing		15,000 per tonne		
Total Cos	t (per Tonne) = EC Charges	18,000		
EC (per K	g) -	18		

Source: CPCB, Company, MOFSL

Exhibit 2: Introduction of RCM on metal scrap would boost domestic scrap availability for organized players



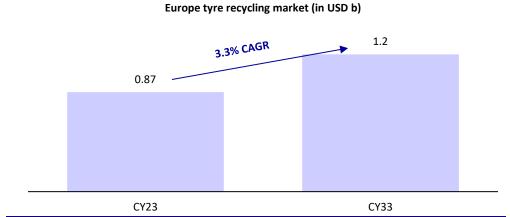
General GST Payment Process



RCM Under GST - Payment Process

Source: Company, MOFSL

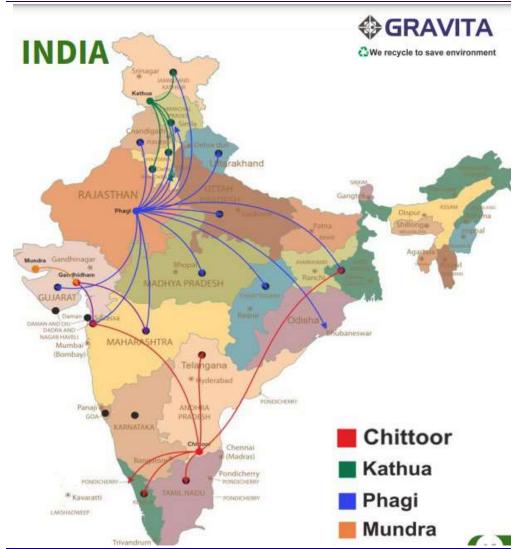
Exhibit 3: Europe tyre recycling market to reach USD1.2b by CY33



Source: Company, MOFSL

24 September 2024 3

Exhibit 4: Gravita is a primary beneficiary of improved domestic scrap availability due to its pan-India network



Source: Company, MOFSL

Story in Chart

Exhibit 5: Revenue CAGR of ~30% over FY24-FY27E...

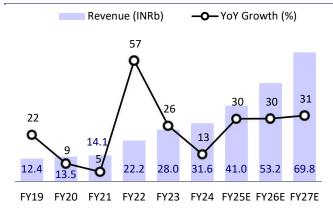


Exhibit 6: ...coupled with margin expansion...

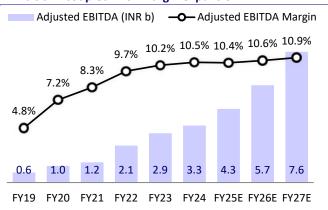


Exhibit 7: ...leading to robust earnings growth (at ~34% CAGR)

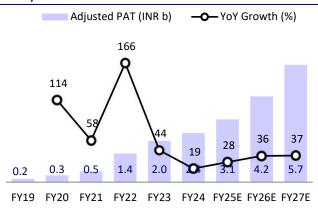


Exhibit 8: Reduction in net working capital leading to...

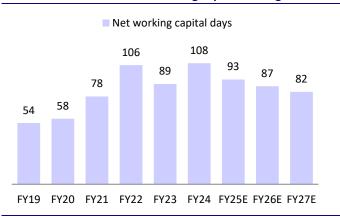


Exhibit 9: ...improved cash flow from operations

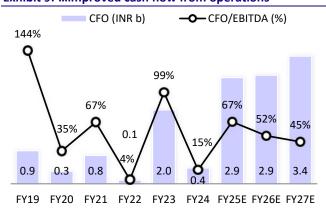
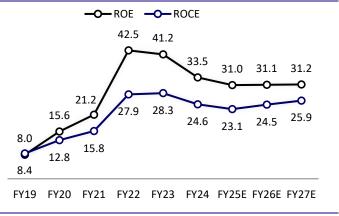


Exhibit 10: Healthy return ratios



Financials and valuations

Consolidated - Income Statement Y/E March	FV10	FY20	FY21	FY22	FY23	FY24	FY25E	<u> </u>	Million)
Total Income from Operations	FY19 12,417	13,478	14,098	22,159	28,006	31,608	40,986	FY26E	FY27E 69,786
	22.0		4.6	57.2	26.4			53,191	
Change (%)		8.5				12.9	29.7	29.8	31.2
RM Cost	10,574	11,126	11,586	17,899	23,391	25,612	32,788	42,552	55,689
Employees Cost	635	659	729	1,028	1,336	1,312	1,639	2,021	2,582
Other Expenses	590	738	633	1,078	1,259	1,848	2,284	2,966	3,923
Total Expenditure	11,799	12,523	12,948	20,005	25,986	28,772	36,711	47,539	62,194
% of Sales	95.0	92.9	91.8	90.3	92.8	91.0	89.6	89.4	89.1
EBITDA	619	955	1,150	2,154	2,020	2,836	4,274	5,651	7,592
Margin (%)	5.0	7.1	8.2	9.7	7.2	9.0	10.4	10.6	10.9
Other Income (Operational) - Commodity and Forex Hedging	-29	15	20	-4	841	474	0.0	0.0	0.0
Adjusted EBITDA	590	970	1,170	2,149	2,860	3,309	4,274	5,651	7,592
	4.8	7.2	8.3	9.7	10.2	10.5	10.4	10.6	10.9
Margin (%) Depreciation	116	181	203	206	240	380	431	591	772
EBIT	474	789	967						
				1,944 380	2,621	2,929 492	3,843 502	5,060 480	6,820
Int. and Finance Charges Other Income	262 83	314 -5	310 52	83	435 90	304	170	200	463 250
PBT bef. EO Exp. EO Items	296 0	469 0	709	1,646	2,276	2,742 0	3,512 0	4,780	6,606 0
			709						
PBT after EO Exp. Total Tax	296 102	469 104	141	1,646 162	2,276	2,742	3,512 421	4,780 574	6,606
					235	319			859
Tax Rate (%)	34.4	22.0	19.9	9.8	10.3	11.6	12.0	12.0	13.0
Minority Interest	39	34	44	91	30	31	31	31	31
Reported PAT	155	332	525	1,394	2,011	2,392	3,059	4,176	5,717
Adjusted PAT	155	332	525	1,394	2,011	2,392	3,059	4,176	5,717
Change (%) Margin (%)	-64.9 1.2	114.1 2.5	58.1 3.7	165.7 6.3	44.3 7.2	18.9 7.6	27.9 7.5	36.5 7.9	36.9 8.2
Y/E March Equity Share Capital	FY19 138	FY20 138	FY21 138	FY22 138	FY23 138	FY24 138	FY25E 138	FY26E 138	FY27E 138
Total Reserves	1,856	2,114	2,551	3,730	5,751	8,236	11,226	15,333	20,980
Net Worth	1,993	2,252	2,689	3,869	5,889	8,374	11,364	15,471	21,119
Minority Interest	47	52	90	140	128	132	243	274	304
Total Loans	2,503	2,793	2,611	3,915	3,477	5,451	5,451	5,451	5,451
Deferred Tax Liabilities	2,303	26	24	15	-61	2	2	2	2,431
Capital Employed	4,566	5,123	5,415	7,939	9,433	13,959	17,061	21,198	26,877
Gross Block	1,592	2,215	2,285	2,650	3,690	4,759	6,737	9,462	12,587
Less: Accum. Deprn.	227	399	562	738	957	1,337	1,768	2,359	3,131
Net Fixed Assets	1,365	1,817	1,724	1,913	2,733	3,423	4,969	7,103	9,456
Goodwill on Consolidation	0	0	0	0	0	0	0	0	0
Capital WIP	462	147	135	425	455	428	1,150	1,575	1,550
•	.02	- 17	100	123	133			165	
Total Investments	n	n	n	n	11	165	Inh		165
Total Investments Current Investments	0	0	0	0	11 0	165 165	165		
Current Investments	0	0	0	0	0	165	165	165	
Current Investments Curr. Assets, Loans&Adv.	0 3,898	0 4,181	0 5,405	0 7,638	0 8,789	165 12,008	165 13,253	165 15,567	165 19,496
Curr. Assets, Loans&Adv. Inventory	0 3,898 1,826	0 4,181 2,244	0 5,405 3,577	0 7,638 5,135	0 8,789 5,965	165 12,008 6,746	165 13,253 8,247	165 15,567 10,029	165 19,496 12,439
Current Investments Curr. Assets, Loans&Adv. Inventory Account Receivables	0 3,898 1,826 965	0 4,181 2,244 675	0 5,405 3,577 594	0 7,638 5,135 1,097	0 8,789 5,965 1,370	165 12,008 6,746 2,643	165 13,253 8,247 2,246	165 15,567 10,029 2,769	165 19,496 12,439 3,441
Current Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance	0 3,898 1,826 965 219	0 4,181 2,244 675 203	0 5,405 3,577 594 199	0 7,638 5,135 1,097 325	0 8,789 5,965 1,370 381	165 12,008 6,746 2,643 988	165 13,253 8,247 2,246 833	165 15,567 10,029 2,769 269	165 19,496 12,439 3,441 335
Current Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances	0 3,898 1,826 965 219 888	0 4,181 2,244 675 203 1,059	0 5,405 3,577 594 199 1,035	0 7,638 5,135 1,097 325 1,081	0 8,789 5,965 1,370 381 1,073	165 12,008 6,746 2,643 988 1,631	165 13,253 8,247 2,246 833 1,926	165 15,567 10,029 2,769 269 2,500	165 19,496 12,439 3,441 335 3,280
Current Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances Curr. Liability & Prov.	0 3,898 1,826 965 219 888 1,160	0 4,181 2,244 675 203 1,059 1,020	0 5,405 3,577 594 199 1,035 1,849	0 7,638 5,135 1,097 325 1,081 2,036	0 8,789 5,965 1,370 381 1,073 2,555	165 12,008 6,746 2,643 988 1,631 2,065	165 13,253 8,247 2,246 833 1,926 2,477	165 15,567 10,029 2,769 269 2,500 3,211	165 19,496 12,439 3,441 335 3,280 3,790
Current Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances Curr. Liability & Prov. Account Payables	0 3,898 1,826 965 219 888 1,160 987	0 4,181 2,244 675 203 1,059 1,020 874	0 5,405 3,577 594 199 1,035 1,849 1,357	0 7,638 5,135 1,097 325 1,081 2,036 329	0 8,789 5,965 1,370 381 1,073 2,555 895	165 12,008 6,746 2,643 988 1,631 2,065 675	165 13,253 8,247 2,246 833 1,926 2,477 905	165 15,567 10,029 2,769 269 2,500 3,211 1,172	165 19,496 12,439 3,441 335 3,280 3,790 1,534
Current Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances Curr. Liability & Prov. Account Payables Other Current Liabilities	0 3,898 1,826 965 219 888 1,160 987	0 4,181 2,244 675 203 1,059 1,020 874 65	0 5,405 3,577 594 199 1,035 1,849 1,357 376	0 7,638 5,135 1,097 325 1,081 2,036 329 1,515	0 8,789 5,965 1,370 381 1,073 2,555 895 1,457	165 12,008 6,746 2,643 988 1,631 2,065 675 1,379	165 13,253 8,247 2,246 833 1,926 2,477 905 1,557	165 15,567 10,029 2,769 269 2,500 3,211 1,172 2,021	165 19,496 12,439 3,441 335 3,280 3,790 1,534 2,233
Current Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances Curr. Liability & Prov. Account Payables Other Current Liabilities Provisions	0 3,898 1,826 965 219 888 1,160 987 102 71	0 4,181 2,244 675 203 1,059 1,020 874 65 81	0 5,405 3,577 594 199 1,035 1,849 1,357 376 116	0 7,638 5,135 1,097 325 1,081 2,036 329 1,515 193	0 8,789 5,965 1,370 381 1,073 2,555 895 1,457 202	165 12,008 6,746 2,643 988 1,631 2,065 675 1,379	165 13,253 8,247 2,246 833 1,926 2,477 905 1,557 14	165 15,567 10,029 2,769 269 2,500 3,211 1,172 2,021 18	165 19,496 12,439 3,441 335 3,280 3,790 1,534 2,233 24
Current Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances Curr. Liability & Prov. Account Payables Other Current Liabilities	0 3,898 1,826 965 219 888 1,160 987	0 4,181 2,244 675 203 1,059 1,020 874 65	0 5,405 3,577 594 199 1,035 1,849 1,357 376	0 7,638 5,135 1,097 325 1,081 2,036 329 1,515	0 8,789 5,965 1,370 381 1,073 2,555 895 1,457	165 12,008 6,746 2,643 988 1,631 2,065 675 1,379	165 13,253 8,247 2,246 833 1,926 2,477 905 1,557	165 15,567 10,029 2,769 269 2,500 3,211 1,172 2,021	165 19,496 12,439

Financials and valuations

Y/E March	FY19	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Basic (INR)									
EPS	2.3	4.8	7.6	20.2	29.1	34.6	44.3	60.5	82.8
Cash EPS	3.9	7.4	10.5	23.2	32.6	40.1	50.5	69.0	94.0
BV/Share	29.0	32.6	38.9	56.0	85.3	121.3	164.6	224.1	305.8
DPS	0.0	0.7	1.1	3.5	0.6	0.9	1.0	1.0	1.0
Payout (%)	0.0	15.2	14.2	17.1	2.1	2.5	2.3	1.7	1.2
Valuation (x)									
P/E	1,098.7	515.3	326.0	122.7	85.1	71.5	56.4	41.3	30.2
Cash P/E	629.3	333.3	235.0	106.9	76.0	61.7	49.5	36.2	26.6
P/BV	85.4	76.0	63.6	44.2	29.0	20.4	15.2	11.2	8.2
EV/Sales	13.9	12.9	12.3	7.9	6.2	5.6	4.3	3.3	2.5
EV/EBITDA	279.1	181.8	150.9	81.2	86.3	61.9	41.5	31.5	23.4
Dividend Yield (%)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
FCF per share	3.1	2.7	8.0	-8.8	13.5	-8.9	8.2	-3.1	5.1
Return Ratios (%)	5.1	2.7	0.0	0.0	13.3	0.5	0.2	5.1	3.1
RoE	8.0	15.6	21.2	42.5	41.2	33.5	31.0	31.1	31.2
RoCE	8.4	12.8	15.8	27.9	28.3	24.6	23.1	24.5	25.9
RoIC	8.5	13.9	15.8	28.6	20.2	20.7	24.8	24.5	25.9
Working Capital Ratios	6.5	13.3	13.4	20.0	20.2	20.7	24.0	20.1	27.0
Fixed Asset Turnover (x)	7.8	6.1	6.2	8.4	7.6	6.6	6.1	5.6	5.5
•	2.7								
Asset Turnover (x)		2.6	2.6	2.8	3.0	2.3	2.4	2.5	2.6
Inventory (Days)	56	65	101	94	84	86	82	77	73
Debtor (Days)	28	18	15	18	18	31	20	19	18
Creditor (Days)	31	25	38	6	13	9	9	9	9
Leverage Ratio (x)									
Current Ratio	3.4	4.1	2.9	3.8	3.4	5.8	5.4	4.8	5.1
Interest Cover Ratio	1.8	2.5	3.1	5.1	6.0	6.0	7.7	10.5	14.7
Net Debt/Equity									
	1.1	1.2	0.9	0.9	0.5	0.5	0.4	0.3	0.2
		1.2	0.9	0.9	0.5	0.5	0.4	0.3	0.2
Consolidated - Cash Flow Stat	tement								
Consolidated - Cash Flow Stat Y/E March	tement FY19	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax	FY19 194	FY20 469	FY21 709	FY22 1,646	FY23 2,276	FY24 2,742	FY25E 3,512	FY26E 4,780	FY27E 6,606
Consolidated - Cash Flow State Y/E March OP/(Loss) before Tax Depreciation	FY19 194 116	FY20 469 181	FY21 709 203	FY22 1,646 206	FY23 2,276 240	FY24 2,742 380	FY25E 3,512 431	FY26E 4,780 591	FY27E 6,606 772
Consolidated - Cash Flow State Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges	rement FY19 194 116 223	FY20 469 181 275	FY21 709 203 271	FY22 1,646 206 327	FY23 2,276 240 384	FY24 2,742 380 188	FY25E 3,512 431 332	FY26E 4,780 591 280	FY27E 6,606 772 213
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid	FY19 194 116	FY20 469 181	FY21 709 203	FY22 1,646 206	FY23 2,276 240	FY24 2,742 380 188 -319	FY25E 3,512 431	FY26E 4,780 591 280 -574	FY27E 6,606 772 213 -859
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC	FY19 194 116 223 -123 430	FY20 469 181 275 -111 -462	FY21 709 203 271 -115 -302	FY22 1,646 206 327 -149 -2,062	FY23 2,276 240 384 -235 -822	FY24 2,742 380 188 -319 -2,567	FY25E 3,512 431 332 -421 -987	FY26E 4,780 591 280 -574 -2,143	FY27E 6,606 772 213 -859 -3,284
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations	FY19 194 116 223 -123 430 840	FY20 469 181 275 -111 -462 352	FY21 709 203 271 -115 -302 765	FY22 1,646 206 327 -149 -2,062 -32	FY23 2,276 240 384 -235 -822 1,843	FY24 2,742 380 188 -319 -2,567 424	FY25E 3,512 431 332 -421	FY26E 4,780 591 280 -574	FY27E 6,606 772 213 -859
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others	FY19 194 116 223 -123 430 840 51	FY20 469 181 275 -111 -462 352 -14	FY21 709 203 271 -115 -302 765	FY22 1,646 206 327 -149 -2,062 -32 128	FY23 2,276 240 384 -235 -822 1,843 154	FY24 2,742 380 188 -319 -2,567 424 0	FY25E 3,512 431 332 -421 -987 2,866 0	FY26E 4,780 591 280 -574 -2,143 2,934	FY27E 6,606 772 213 -859 -3,284 3,449
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO	FY19 194 116 223 -123 430 840 51 890	FY20 469 181 275 -111 -462 352 -14	FY21 709 203 271 -115 -302 765 0	FY22 1,646 206 327 -149 -2,062 -32 128 96	FY23 2,276 240 384 -235 -822 1,843 154 1,997	FY24 2,742 380 188 -319 -2,567 424 0	FY25E 3,512 431 332 -421 -987 2,866 0 2,866	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934	FY27E 6,606 772 213 -859 -3,284 3,449 0
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others	FY19 194 116 223 -123 430 840 51 890 -677	FY20 469 181 275 -111 -462 352 -14 339 -149	FY21 709 203 271 -115 -302 765	FY22 1,646 206 327 -149 -2,062 -32 128	FY23 2,276 240 384 -235 -822 1,843 154	FY24 2,742 380 188 -319 -2,567 424 0	FY25E 3,512 431 332 -421 -987 2,866 0	FY26E 4,780 591 280 -574 -2,143 2,934	FY27E 6,606 772 213 -859 -3,284 3,449
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO	FY19 194 116 223 -123 430 840 51 890	FY20 469 181 275 -111 -462 352 -14	FY21 709 203 271 -115 -302 765 0	FY22 1,646 206 327 -149 -2,062 -32 128 96	FY23 2,276 240 384 -235 -822 1,843 154 1,997	FY24 2,742 380 188 -319 -2,567 424 0	FY25E 3,512 431 332 -421 -987 2,866 0 2,866	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934	FY27E 6,606 772 213 -859 -3,284 3,449 0
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA	FY19 194 116 223 -123 430 840 51 890 -677	FY20 469 181 275 -111 -462 352 -14 339 -149	FY21 709 203 271 -115 -302 765 0 765 -212	FY22 1,646 206 327 -149 -2,062 -32 128 96 -702	FY23 2,276 240 384 -235 -822 1,843 154 1,997 -1,064	FY24 2,742 380 188 -319 -2,567 424 0 424 -1,042 -618 0	FY25E 3,512 431 332 -421 -987 2,866 0 2,866 -2,300	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934 -3,150	FY27E 6,606 772 213 -859 -3,284 3,449 0 3,449 -3,100
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow	rement FY19 194 116 223 -123 430 840 51 890 -677 213	FY20 469 181 275 -111 -462 352 -14 339 -149	FY21 709 203 271 -115 -302 765 0 765 -212 553	FY22 1,646 206 327 -149 -2,062 -32 128 96 -702 -606	FY23 2,276 240 384 -235 -822 1,843 154 1,997 -1,064 933	FY24 2,742 380 188 -319 -2,567 424 0 424 -1,042 -618	FY25E 3,512 431 332 -421 -987 2,866 0 2,866 -2,300 566	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934 -3,150 -216	FY27E 6,606 772 213 -859 -3,284 3,449 0 3,449 -3,100 349
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments	FY19 194 116 223 -123 430 840 51 890 -677 213	FY20 469 181 275 -111 -462 352 -14 339 -149 190	FY21 709 203 271 -115 -302 765 0 765 -212 553 0	FY22 1,646 206 327 -149 -2,062 -32 128 96 -702 -606	FY23 2,276 240 384 -235 -822 1,843 154 1,997 -1,064 933 -11	FY24 2,742 380 188 -319 -2,567 424 0 424 -1,042 -618 0	FY25E 3,512 431 332 -421 -987 2,866 0 2,866 -2,300 566 0	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934 -3,150 -216 0	FY27E 6,606 772 213 -859 -3,284 3,449 0 3,449 -3,100 349 0
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others	FY19 194 116 223 -123 430 840 51 890 -677 213 0 14	FY20 469 181 275 -111 -462 352 -14 339 -149 190 0 6	FY21 709 203 271 -115 -302 765 0 765 -212 553 0 19	FY22 1,646 206 327 -149 -2,062 -32 128 96 -702 -606 4	FY23 2,276 240 384 -235 -822 1,843 154 1,997 -1,064 933 -11 21	FY24 2,742 380 188 -319 -2,567 424 0 424 -1,042 -618 0 -536	FY25E 3,512 431 332 -421 -987 2,866 0 2,866 -2,300 566 0 -150	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934 -3,150 -216 0 200	FY27E 6,606 772 213 -859 -3,284 3,449 0 3,449 -3,100 349 0
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments	FY19 194 116 223 -123 430 840 51 890 -677 213 0 14	FY20 469 181 275 -111 -462 352 -14 339 -149 190 0 6 -143	FY21 709 203 271 -115 -302 765 0 765 -212 553 0 19 -194	FY22 1,646 206 327 -149 -2,062 -32 128 96 -702 -606 4 3 -695	FY23 2,276 240 384 -235 -822 1,843 154 1,997 -1,064 933 -11 21 -1,054	FY24 2,742 380 188 -319 -2,567 424 0 424 -1,042 -618 0 -536 -1,578	FY25E 3,512 431 332 -421 -987 2,866 0 2,866 -2,300 566 0 -150 -2,450	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934 -3,150 -216 0 200 -2,950	FY27E 6,606 772 213 -859 -3,284 3,449 0 3,449 -3,100 349 0 250 -2,850
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares	FY19 194 116 223 -123 430 840 51 890 -677 213 0 14 -664	FY20 469 181 275 -111 -462 352 -14 339 -149 190 0 6 -143	FY21 709 203 271 -115 -302 765 0 765 -212 553 0 19 -194 0	FY22 1,646 206 327 -149 -2,062 -32 128 96 -702 -606 4 3 -695	FY23 2,276 240 384 -235 -822 1,843 154 1,997 -1,064 933 -11 21 -1,054 0	FY24 2,742 380 188 -319 -2,567 424 0 424 -1,042 -618 0 -536 -1,578	FY25E 3,512 431 332 -421 -987 2,866 0 2,866 -2,300 566 0 -150 -2,450 0	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934 -3,150 -216 0 200 -2,950 0	FY27E 6,606 772 213 -859 -3,284 3,449 0 3,449 -3,100 349 0 250 -2,850
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares Inc/(Dec) in Debt	FY19 194 116 223 -123 430 840 51 890 -677 213 0 14 -664 0 0	FY20 469 181 275 -111 -462 352 -14 339 -149 190 0 6 -143 1 183	FY21 709 203 271 -115 -302 765 0 765 -212 553 0 19 -194 0 -193	FY22 1,646 206 327 -149 -2,062 -32 128 96 -702 -606 4 3 -695 0 1,294	FY23 2,276 240 384 -235 -822 1,843 154 1,997 -1,064 933 -11 21 -1,054 0 -442	FY24 2,742 380 188 -319 -2,567 424 0 424 -1,042 -618 0 -536 -1,578 0 1,974	FY25E 3,512 431 332 -421 -987 2,866 0 2,866 -2,300 566 0 -150 -2,450 0 0	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934 -3,150 -216 0 200 -2,950 0	FY27E 6,606 772 213 -859 -3,284 3,449 0 3,449 -3,100 349 0 250 -2,850 0
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares Inc/(Dec) in Debt Interest Paid	FY19 194 116 223 -123 430 840 51 890 -677 213 0 14 -664 0 0 -235	FY20 469 181 275 -111 -462 352 -14 339 -149 190 0 6 -143 1 183 -272	FY21 709 203 271 -115 -302 765 0 765 -212 553 0 19 -194 0 -193 -265	FY22 1,646 206 327 -149 -2,062 -32 128 96 -702 -606 4 3 -695 0 1,294 -336	FY23 2,276 240 384 -235 -822 1,843 154 1,997 -1,064 933 -11 21 -1,054 0 -442 -389	FY24 2,742 380 188 -319 -2,567 424 0 424 -1,042 -618 0 -536 -1,578 0 1,974 -492	FY25E 3,512 431 332 -421 -987 2,866 0 2,866 -2,300 566 0 -150 -2,450 0 0 -502	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934 -3,150 -216 0 200 -2,950 0 0 -480	FY27E 6,606 772 213 -859 -3,284 3,449 0 3,449 -3,100 349 0 250 -2,850 0 0 -463
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares Inc/(Dec) in Debt Interest Paid Dividend Paid	FY19 194 116 223 -123 430 840 51 890 -677 213 0 14 -664 0 0 -235 -98	FY20 469 181 275 -111 -462 352 -14 339 -149 190 0 6 -143 1 183 -272 -71	FY21 709 203 271 -115 -302 765 0 765 -212 553 0 19 -194 0 -193 -265 -74	FY22 1,646 206 327 -149 -2,062 -32 128 96 -702 -606 4 3 -695 0 1,294 -336 -238	FY23 2,276 240 384 -235 -822 1,843 154 1,997 -1,064 933 -11 21 -1,054 0 -442 -389 -43	FY24 2,742 380 188 -319 -2,567 424 0 424 -1,042 -618 0 -536 -1,578 0 1,974 -492 -60	FY25E 3,512 431 332 -421 -987 2,866 0 2,866 -2,300 566 0 -150 -2,450 0 0 -502 -69	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934 -3,150 -216 0 200 -2,950 0 0 -480 -69	FY27E 6,606 772 213 -859 -3,284 3,449 0 3,449 -3,100 349 0 250 -2,850 0 0 -463 -69
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares Inc/(Dec) in Debt Interest Paid Dividend Paid Others	FY19 194 116 223 -123 430 840 51 890 -677 213 0 14 -664 0 0 -235 -98 166	FY20 469 181 275 -111 -462 352 -14 339 -149 190 0 6 -143 1 183 -272 -71 -52	FY21 709 203 271 -115 -302 765 0 765 -212 553 0 19 -194 0 -193 -265 -74 -33	FY22 1,646 206 327 -149 -2,062 -32 128 96 -702 -606 4 3 -695 0 1,294 -336 -238	FY23 2,276 240 384 -235 -822 1,843 154 1,997 -1,064 933 -11 21 -1,054 0 -442 -389 -43	FY24 2,742 380 188 -319 -2,567 424 0 424 -1,042 -618 0 -536 -1,578 0 1,974 -492 -60 338	FY25E 3,512 431 332 -421 -987 2,866 0 2,866 -2,300 566 0 -150 -2,450 0 0 -502 -69 0	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934 -3,150 -216 0 200 -2,950 0 -480 -69 0	FY27E 6,606 772 213 -859 -3,284 3,449 0 3,449 -3,100 349 0 250 -2,850 0 0 -463 -69 0
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares Inc/(Dec) in Debt Interest Paid Dividend Paid Others CF from Fin. Activity Inc/Dec of Cash	FY19 194 116 223 -123 430 840 51 890 -677 213 0 14 -664 0 0 -235 -98 166 -167	FY20 469 181 275 -111 -462 352 -14 339 -149 190 0 6 -143 1 183 -272 -71 -52 -212	FY21 709 203 271 -115 -302 765 0 765 -212 553 0 19 -194 0 -193 -265 -74 -33 -565	FY22 1,646 206 327 -149 -2,062 -32 128 96 -702 -606 4 3 -695 0 1,294 -336 -238 0 719	FY23 2,276 240 384 -235 -822 1,843 154 1,997 -1,064 933 -11 21 -1,054 0 -442 -389 -43 0 -874	FY24 2,742 380 188 -319 -2,567 424 0 424 -1,042 -618 0 -536 -1,578 0 1,974 -492 -60 338 1,760	FY25E 3,512 431 332 -421 -987 2,866 0 2,866 -2,300 566 0 -150 -2,450 0 0 -502 -69 0 -571	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934 -3,150 -216 0 200 -2,950 0 -480 -69 0 -549	FY27E 6,606 772 213 -859 -3,284 3,449 0 3,449 -3,100 349 0 250 -2,850 0 -463 -69 0 -532
Consolidated - Cash Flow Stat Y/E March OP/(Loss) before Tax Depreciation Interest & Finance Charges Direct Taxes Paid (Inc)/Dec in WC CF from Operations Others CF from Operating incl EO (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments Issue of Shares Inc/(Dec) in Debt Interest Paid Dividend Paid Others CF from Fin. Activity	FY19 194 116 223 -123 430 840 51 890 -677 213 0 14 -664 0 0 -235 -98 166 -167 60	FY20 469 181 275 -111 -462 352 -14 339 -149 190 0 6 -143 1 183 -272 -71 -52 -212 -16	FY21 709 203 271 -115 -302 765 0 765 -212 553 0 19 -194 0 -193 -265 -74 -33 -565 6	FY22 1,646 206 327 -149 -2,062 -32 128 96 -702 -606 4 3 -695 0 1,294 -336 -238 0 719	FY23 2,276 240 384 -235 -822 1,843 154 1,997 -1,064 933 -11 21 -1,054 0 -442 -389 -43 0 -874 69	FY24 2,742 380 188 -319 -2,567 424 0 424 -1,042 -618 0 -536 -1,578 0 1,974 -492 -60 338 1,760 606	FY25E 3,512 431 332 -421 -987 2,866 0 2,866 -2,300 566 0 -150 -2,450 0 0 -502 -69 0 -571 -155	FY26E 4,780 591 280 -574 -2,143 2,934 0 2,934 -3,150 -216 0 200 -2,950 0 0 -480 -69 0 -549 -564	FY27E 6,606 772 213 -859 -3,284 3,449 0 3,449 -3,100 250 -2,850 0 -463 -69 0 -532 66

Investment in securities market are subject to market risks. Read all the related documents carefully before investing

NOTES

Explanation of Investment Rating	
Investment Rating	Expected return (over 12-month)
BUY	>=15%
SELL	<-10%
NEUTRAL	< - 10 % to 15%
UNDER REVIEW	Rating may undergo a change
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall be within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend. Disclosures

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/List%200f%20Associate%20companies.pdf MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at www.nseindia.com, www.bseindia.com_Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motifal Oswal Securities (SEBI Reg. No. INH00000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the"1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore In Singapore, this report is being distributed by Motilal Oswal Capital Markets (Singapore) Pte. Ltd. ("MOCMSPL") (UEN 201129401Z), which is a holder of a capital markets services license and an exempt financial adviser in Singapore. This report is distributed solely to persons who (a) qualify as "institutional investors" as defined in section 4A(1)(c) of the Securities and Futures Act of Singapore ("SFA") or (b) are considered "accredited investors" as defined in section 2(1) of the Financial Advisers Regulations of Singapore read with section 4A(1)(a) of the SFA. Accordingly, if a recipient is neither an "institutional investor" nor an "accredited investor", they must immediately discontinue any use of this Report and inform MOCMSPL

In respect of any matter arising from or in connection with the research you could contact the following representatives of MOCMSPL. In case of grievances for any of the services rendered by MOCMSPL write to grievances@motilaloswal.com.

Nainesh Rajani Email: nainesh.rajani@motilaloswal.com

Contact: (+65) 8328 0276

- MOFSL, Research Analyst and/or his relatives does not have financial interest in the subject company, as they do not have equity holdings in the subject company.
- MOFSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company
- MOFSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months
- MOFSL, Research Analyst and/or his relatives do not have material conflict of interest in the subject company at the time of publication of research report
- Research Analyst has not served as director/officer/employee in the subject company
- MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- MOFSL has not received compensation for investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received any compensation or other benefits from third party in connection with the research report

MOFSL has not engaged in market making activity for the subject company

The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public
- received compensation/other benefits from the subject company in the past 12 months
- any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.
- acted as a manager or co-manager of public offering of securities of the subject company in past 12 months

9 24 September 2024

be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)

received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.

Served subject company as its clients during twelve months preceding the date of distribution of the research report.

The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures. **Analyst Certification**

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays This report is meant for the clients of Motilal Oswal only.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263; www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Aganwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085.

Grievance Redressal Cell

Contact Person	Contact No.	Email ID					
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com					
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com					
Mr. Ajay Menon	022 40548083	am@motilaloswal.com					

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412 . AMFI: ARN .: 146822. IRDA Corporate Agent - CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.

10 24 September 2024