

Gravita India

Estimate change	↔
TP change	↔
Rating change	↔

Bloomberg	GRAV IN
Equity Shares (m)	74
M.Cap.(INRb)/(USDb)	120.9 / 1.3
52-Week Range (INR)	1950 / 1267
1, 6, 12 Rel. Per (%)	-2/11/-7
12M Avg Val (INR M)	492

Financials & Valuations (INR b)

Y/E Mar	FY26	FY27E	FY28E
Sales	42.7	62.8	79.7
Adj. EBITDA	4.5	6.1	7.8
Adj. EBITDA Margin (%)	10.6	9.8	9.8
Adj. PAT	3.8	4.5	5.8
Cons. Adj. EPS (INR)	51.3	61.6	78.7
EPS Gr. (%)	21	20	28
BV/Sh. (INR)	332	393	470

Ratios

Net D:E	0.1	0.1	0.2
RoE (%)	16.8	17.0	18.2
RoCE (%)	14.4	14.2	15.3

Valuations

P/E (x)	31.9	26.6	20.8
EV/EBITDA (x)	28.1	21.6	16.5

Shareholding pattern (%)

As on	Jun-26	Mar-26	Jun-25
Promoter	55.9	55.9	55.9
DII	5.5	5.1	4.4
FII	14.2	15.3	16.4
Others	24.4	23.7	23.3

Note: FII includes depository receipts

CMP: INR1,639 TP: INR2,100 (+28%) Buy

West Asia crisis dampens volumes, but is favorable for margins

Operating performance in line

- Gravita India (GRAV) reported adj. EBITDA growth of 29% YoY, supported by an increase in EBITDA/MT in lead due to supply constraints and consolidation of the acquired copper business.
- The company remains on track to scale installed recycling capacity from 497KTPA currently to 800KTPA+ by FY29. While copper is emerging as a key growth pillar with plans to double RMIL capacity to ~60KTPA, with improving EBITDA/MT to INR70-75k over the next 2-3 years (driven by backward integration, debottlenecking, and product mix) and achieve 25%+ ROIC. Additionally, procurement diversification in developed countries (e.g., the US), expansion into lithium-ion, and a continued focus on increasing value-added products (63% in 1QFY27 vs. 42% in 4QFY26) are expected to support the next leg of growth.
- **We largely maintain our earnings estimates and reiterate our BUY rating on the stock with a TP of INR2,100 (premised on 27x FY28E EPS, i.e., at a 10% premium to its five-year average P/E).**

Margin strength and copper contribution underpin growth

- Consolidated revenue grew 42% YoY to INR14.8b (est. INR14b) in 1QFY27. Consolidated sales volume grew 4% YoY to 55.5KMT.
- Adjusted EBITDA rose 29% YoY to INR1.4b (est. in-line). Adjusted EBITDA margins contracted ~90bp YoY to 9.8% (est. 10%). Adj. PAT declined 14% YoY to INR1.1b (est. in line).
- Lead business revenue grew 3% YoY to INR9.5b, led by 8% YoY realization growth. Volume stood at 44KMT, EBITDA/MT stood at INR24,181 (+11% YoY) for the quarter, and EBITDA came in at INR1.1b.
- Copper business (RMIL) revenue stood at INR3.8b, volume stood at 4.1KMT, EBITDA/MT was INR55,151, and EBITDA came at INR224m.
- Aluminum business revenue grew 17% YoY to INR1.1b. Volumes stood at 3.4KMT, down 21% YoY. EBITDA/MT grew 47% YoY to INR25,175.
- Plastic business revenue grew 62% YoY to INR266m, volume grew 53% YoY to 3.7KMT, and EBITDA/MT was flat YoY at INR10,197.
- The company's net debt stood at ~INR1.5b as of Jun'26.

Highlights from the management commentary

- **Lead:** The Middle East conflict affected RM availability (15-20% of imports and transshipment volume); as a result, newly commissioned capacities could not be fully utilized (expanded Mundra at ~50% utilization). The company commissioned an additional 40.5k MTPA capacity at Fagi (Jaipur), taking total plant capacity to 75.8k MTPA (peak revenue INR500m/month at 70% utilization). Although volume growth was constrained by scrap shortages, tighter supply conditions improved EBITDA/kg. Management expects supply conditions to gradually normalize, which will improve capacity utilization.

Research Analyst: **Sumant Kumar** (Sumant.Kumar@MotilalOswal.com) | **Swapnil Upadhyay** (Swapnil.Upadhyay@MotilalOswal.com)

Research Analyst: **Nirvik Saini** (Nirvik.Saini@MotilalOswal.com) | **Yash Darak** (Yash.darak@MotilalOswal.com)

Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

- **Copper:** RMIL integration progressing well and synergies emerging gradually. Copper EBITDA/kg is expected to improve from the current ~INR55 to ~INR60 by FY27-end and INR70-75 over the next 2-3 years, driven by debottlenecking, better product mix, higher utilization, procurement optimization, and backward integration. Copper utilization is expected to be 60%+ by FY27-end (50% in 1QFY27), while capacity is targeted to double to ~60k MTPA over the next three years. All these support a gradual improvement in segment ROIC towards 25%+.
- **Procurement strategy:** The Middle East conflict affected the scrap sourcing network; to mitigate this, the company is establishing its own sourcing yards and procurement infrastructure in developed markets (e.g., the US will be operational by the end of FY27). Historically, the procurement network was concentrated in developing countries and catered primarily to lead, aluminum, and plastic recycling; however, the addition of copper has created sufficient scale to justify investments in developed markets. This should reduce dependence on Gulf-origin scrap and improve raw material security. For 1QFY27, the domestic procurement mix stood at 35%.

Valuation and view

- As a leading player in India's rapidly expanding recycling industry, GRAV is well-positioned to deliver healthy earnings growth, supported by: 1) strategic capacity expansion across verticals and geographies, 2) an increased focus on VAPs (63% in 1QFY27 vs. 42% in 4QFY26), 3) increased domestic scrap availability, driven by favorable regulatory tailwinds, 4) acquisition of RMIL, one of India's oldest copper and copper alloy manufacturers, and backward integration in to copper recycling, and 5) the commercialization of the pilot project of lithium ion.
- We largely maintain our earnings estimates and expect a CAGR of 37%/31%/24% in revenue/adj. EBITDA/adj. PAT over FY26-28. **We reiterate our BUY rating on the stock with a TP of INR2,100 (premised on 27x FY28E EPS, i.e., at a 10% premium to its five-year average P/E).**

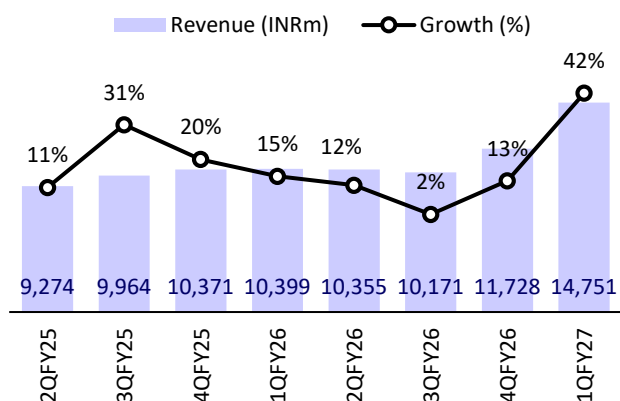
Consolidated - Quarterly Earnings

(INR m)

Y/E March	FY26				FY27				FY26	FY27E	FY27E	Var
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE	%
Sales	10,399	10,355	10,171	11,728	14,751	14,836	15,841	17,331	42,653	62,759	14,047	5
YoY Change (%)	14.5	11.7	2.1	13.1	41.8	43.3	55.7	47.8	10.2	47.1	35.1	
Total Expenditure	9,282	9,237	9,010	10,598	13,305	13,399	14,334	15,587	38,128	56,626	12,640	
Adjusted EBITDA	1,117	1,118	1,161	1,129	1,445	1,437	1,506	1,744	4,525	6,133	1,407	3
Margins (%)	10.7	10.8	11.4	9.6	9.8	9.7	9.5	10.1	10.6	9.8	10.0	
Depreciation	87	92	98	111	145	150	153	154	388	602	120	
Interest	61	78	65	44	115	120	130	130	248	495	100	
Other Income	190	165	154	85	127	80	80	80	594	367	80	
PBT before EO expense	1,159	1,113	1,151	1,060	1,313	1,247	1,303	1,540	4,483	5,403	1,267	
PBT	1,159	1,113	1,151	1,060	1,313	1,247	1,303	1,540	4,483	5,403	1,267	
Tax	229	153	176	141	249	188	196	232	699	865	203	
Rate (%)	19.7	13.8	15.3	13.3	19.0	15.0	15.0	15.0	15.6	16.0	16.0	
MI & Profit/Loss of Asso. Cos.	-2	0	-2	-1	0	-1	-2	-2	-5	-5	-1	
Reported PAT	933	960	977	919	1,064	1,060	1,109	1,310	3,788	4,543	1,065	
Adj PAT	933	960	977	919	1,064	1,060	1,109	1,310	3,788	4,543	1,065	0
YoY Change (%)	38.5	33.3	25.3	-3.4	14.1	10.5	13.5	42.6	21.3	19.9	14.2	
Margins (%)	9.0	9.3	9.6	7.8	7.2	7.1	7.0	7.6	8.9	7.2	7.6	

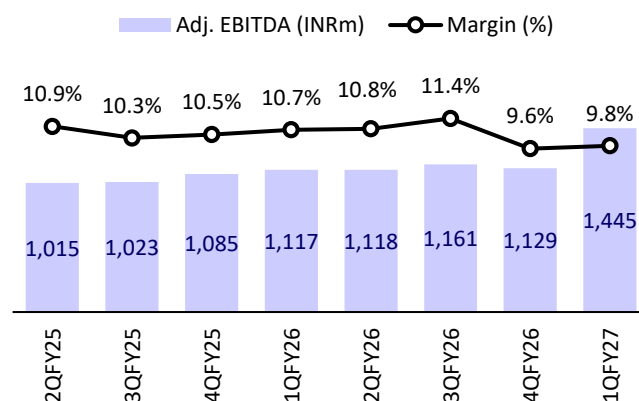
Key Exhibits

Exhibit 1: Consolidated revenue trend



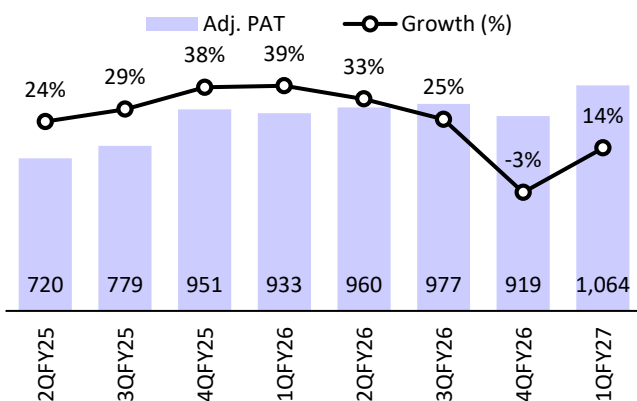
Source: Company, MOFSL

Exhibit 2: Consolidated adj. EBITDA trend



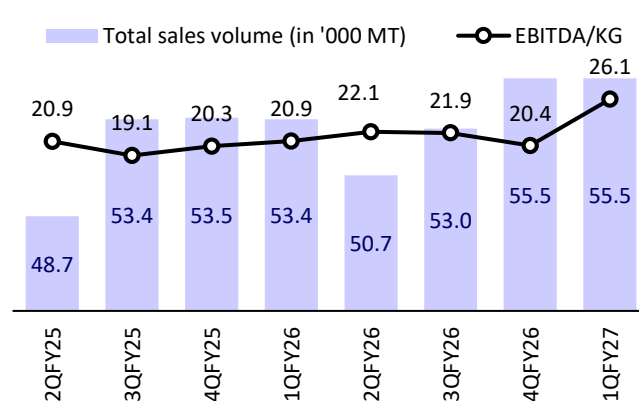
Source: Company, MOFSL

Exhibit 3: Consolidated adj. PAT trend



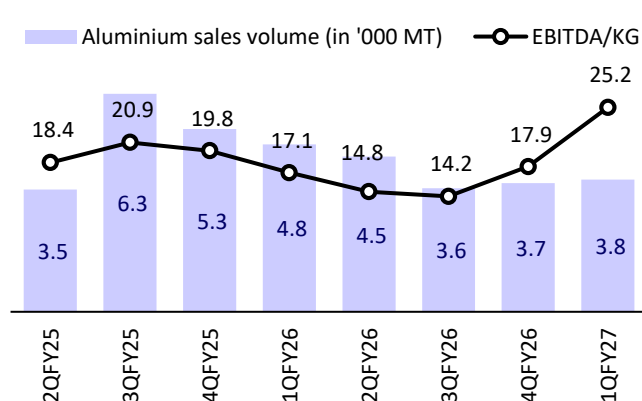
Source: Company, MOFSL

Exhibit 4: Total sales volume trend



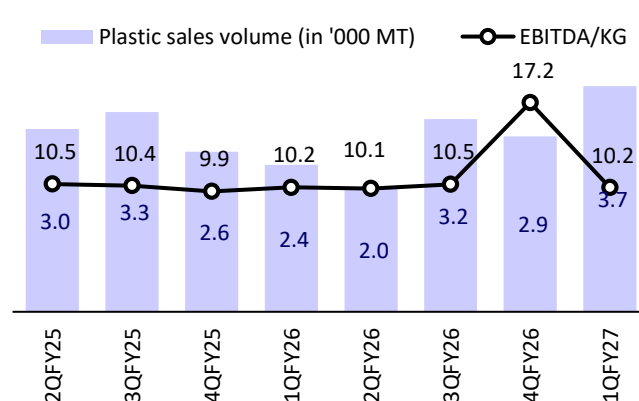
Source: Company, MOFSL

Exhibit 5: Aluminum sales volume trend



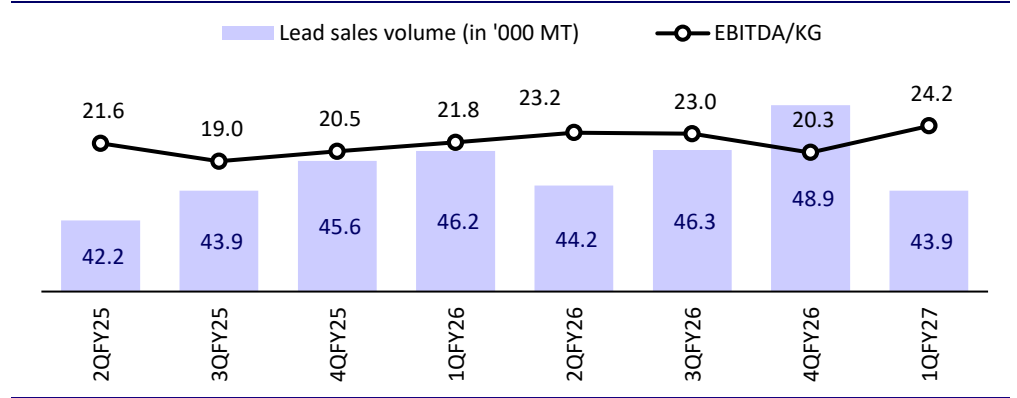
Source: Company, MOFSL

Exhibit 6: Plastic sales volume trend



Source: Company, MOFSL

Exhibit 7: Lead sales volume trend



Source: MOFSL, Company

Exhibit 8: Widespread manufacturing presence

- Global spread helps reduce logistics costs and procure material cheaper.
- Start small > grow volumes > establish new plants close to procurement sources.
- Increased flexibility in recycling closest to raw material access and consuming markets.

America

- Dominican Republic

Europe

- Romania (Piatra Neamt)

Africa

- Ghana (Accra)
- Senegal (Dakar)
- Mozambique (Maputo)
- Tanzania (Dar-es-Salam)
- Togo (Lome)

Asia

- India
- Kathua (J&K)
- Jaipur (Rajasthan)
- Jaipur SEZ (Rajasthan)
- Chittoor (Andhra Pradesh)
- Mundra (Gujarat)
- Sarigam (Gujarat)
- Sri Lanka (Mirigama)



Source: MOFSL, Company

Exhibit 9: Deep-rooted procurement network

39 **2200+** **3,30,000 MT+**
Own yards Touch points Scrap collection

Americas

Touch Points- 40+
Scrap collection (MT) - 47,500+

Europe

Own Yards - 1
Touch Points- 60+
Scrap collection (MT) - 13,000+

Africa

Own Yards - 32
Touch Points- 900+
Scrap collection (MT) - 74,250+

Asia

Own Yards - 6
Touch Points- 1200+
Scrap collection (MT) - 1,92,250+

Australia

Touch Points- 5+
Scrap collection (MT) - 3100+



Source: MOFSL, Company

Exhibit 10: Diversified global customer network

37 **400+** **2,13,000 MT+**
Countries Customers Recycled products delivered

Americas

Countries - 4
Customers - 6
Delivered- 2,250 MT +

Europe

Countries - 6
Customers - 11
Delivered- 5400 MT +

Middle East

Countries - 8
Customers - 32
Delivered- 35,700 MT +

Asia

Countries - 13
Customers - 340
Delivered- 1,54,000 MT +

Africa

Countries - 5
Customers - 19
Delivered- 3,700 MT +



Source: MOFSL, Company



Highlights from the management commentary

Lead Business: Supply Chain Challenges & Capacity Ramp-up

- Lead volumes declined due to severe scrap shortages arising from the Middle East conflict.
- Around 15-20% of GRAV's scrap imports originate from Gulf countries, while additional imports transit through Gulf ports.
- Supply disruptions prevented full utilization of newly commissioned capacities.
- Mundra lead facility operated at ~50% utilization, including the recently added 80,300 TPA capacity.
- Fagi (Jaipur) lead expansion of 40,500 MTPA was commissioned during the quarter, taking total plant capacity to 75,819 MTPA.
- New lead capacities of 45kMT (yet to be commissioned) are capable of generating roughly INR500m monthly revenue at ~70% utilization.
- Management expects supply conditions to improve gradually, while alternative sourcing channels are being developed.
- Despite lower volumes, tighter scrap availability improved realizations and helped maintain healthy margins.

Copper: New Growth Engine

- Copper contributed INR3.76b revenue during the quarter and operated at approximately 50% utilization.
- Integration of RMIL is progressing smoothly, with procurement, logistics, manufacturing and sales synergies gradually emerging.
- Current copper EBITDA is around INR55,000/MT, which management considers sustainable. Copper EBITDA is expected to improve progressively from Current ~INR55,000/MT to ~INR60,000/MT by FY27-end. In 2-3 year target is ~INR70,000-75,000/MT.
- Key drivers of copper include debottlenecking initiatives, better product mix, higher utilization, procurement optimization, and backward integration.
- Copper utilization is expected to exceed 60% by FY27-end.
- Management plans to double copper capacity to ~60,000 TPA over the next three years.
- Copper ROIC is expected to gradually move towards 25%+ over the medium term.

Procurement Strategy & Supply Chain Diversification

- The Gulf conflict exposed concentration risks in scrap sourcing, prompting Gravita to accelerate procurement diversification.
- The company is establishing its own sourcing yards and procurement networks in developed economies, particularly the US.
- Historically, procurement yards were concentrated in developing countries and largely focused on lead, aluminum and plastic.
- Copper now provides sufficient scale to justify investment in developed-market scrap infrastructure.
- Management expects US procurement yards to become operational by the end of FY27.
- The strategy is to reduce dependence on Gulf sourcing, improve scrap security, Lower procurement costs, and enhance margins over time.
- Domestic sourcing contributed roughly 35% of procurement during the quarter.

Capacity Expansion, Capex & Future Recycling Verticals

- Gravita's total installed recycling capacity has reached 4.97 lakh TPA, and management remains confident of scaling it to over 8 lakh TPA by FY29 through a combination of brownfield expansions and new recycling verticals.
- The company has outlined a cumulative INR16.8b capex plan through FY29, with INR8.5b earmarked for expanding existing businesses, while the balance will be invested in building new recycling platforms.
- Gravita is setting up a 29,400 TPA copper recycling facility in Gujarat with an estimated investment of ~INR1.6b, and the project remains on track for commissioning within the next 12 months.
- The company is accelerating its copper strategy following the successful integration of RMIL, with copper expected to emerge as a key growth and profitability driver over the coming years.
- Management has temporarily put its rubber recycling expansion on hold, choosing instead to redeploy capital and resources toward higher-return opportunities in the copper segment.
- Beyond its core lead, aluminum and plastic businesses, Gravita is strategically expanding into copper, lithium-ion battery and steel recycling, broadening its addressable market and reducing dependence on any single recycling vertical.
- These capacity additions and diversification initiatives form the backbone of Gravita's long-term growth roadmap and are expected to support sustained earnings growth, higher value-added product contribution and stronger market positioning in the global circular economy.

Lithium-Ion Recycling, LME Accreditation & Long-Term Outlook

- Gravita is building a long-term presence in the lithium-ion battery recycling value chain, with a strategic focus on recovering high-value battery metals rather than remaining a conventional black mass processor.
- The company is undertaking R&D to develop in-house lithium refining capabilities and aims to have downstream processing infrastructure in place before large-scale EV battery waste generation ramps up in India.
- Management's objective is to move up the value chain by extracting valuable materials from spent batteries, thereby improving margins and creating a differentiated position in the emerging battery recycling ecosystem.
- Gravita achieved a significant milestone during the quarter with the LME approval of "Gravita-M" lead metal produced at its Mundra facility, placing it among a select group of globally recognized secondary lead producers.
- The LME accreditation is expected to strengthen Gravita's credibility with global OEMs, facilitate faster customer approvals, enhance international market acceptance, and improve liquidity for its lead products.
- Management clarified that the primary purpose of the LME listing is not to sell metal through LME warehouses, but to strengthen relationships with international OEM customers and support global business development efforts.
- Despite near-term supply-chain disruptions, management remains confident in its long-term growth trajectory, supported by ongoing capacity expansion, copper business ramp-up, procurement network diversification, increasing contribution from value-added products and entry into new recycling verticals.

Others

- Net debt remained comfortable at approximately INR1.5b, reflecting Gravita's disciplined capital allocation approach and ability to fund growth initiatives while maintaining a healthy balance sheet.

- Working capital cycle increased to around 95 days during the quarter, primarily due to higher copper inventories, inventory-in-transit and logistics disruptions affecting scrap movement.
- Total inventory stood at approximately INR10.4b, broadly in line with Mar'26 levels despite the addition of the copper business and ongoing supply-chain challenges.
- Management indicated sustainable profitability levels of INR10-12/kg in plastics and INR15-17/kg in overseas aluminum operations, supported by favorable operating economics and procurement efficiencies.
- Aluminum margins could improve further to INR30-40/kg once Indian aluminum recycling operations commence, given the superior profitability profile of domestic operations.
- Gravita continues to maintain a fully hedged position across its copper and alloy businesses, with hedging undertaken on individual metal inputs and aligned with customer contracts, thereby minimizing commodity price volatility risks.
- Reflecting its improving financial profile, strong cash flow generation and prudent balance sheet management, the company's long-term credit rating was upgraded from AA- to AA, strengthening its financial flexibility for future expansion plans.

Valuation and view

- As a leading player in India's rapidly expanding recycling industry, GRAV is well-positioned to deliver healthy earnings growth, supported by: 1) strategic capacity expansion across verticals and geographies, 2) an increased focus on VAPs (63% in 1QFY27 vs. 42% in 4QFY26), 3) increased domestic scrap availability, driven by favorable regulatory tailwinds, 4) acquisition of RMIL, one of India's oldest copper and copper alloy manufacturers, and backward integration in to copper recycling, and 5) the commercialization of the pilot project of lithium ion.
- We largely maintain our earnings estimates and expect a CAGR of 37%/31%/24% in revenue/adj. EBITDA/adj. PAT over FY26-28. **We reiterate our BUY rating on the stock with a TP of INR2,100 (premised on 27x FY28E EPS, i.e., at a 10% premium to its five-year average P/E).**

Exhibit 11: Summary of our revised estimates

Earnings change (INR m)	Old		New		Change	
	FY27E	FY28E	FY27E	FY28E	FY27E	FY28E
Revenue	65,632	80,949	62,759	79,736	-4%	-1%
EBITDA	6,306	8,394	6,133	7,800	-3%	-7%
Adj. PAT	4,652	6,112	4,543	5,806	-2%	-5%

Source: MOFSL, Company

Financials and valuations

Consolidated - Income Statement

(INR m)

Y/E March	FY21	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
Total Income from Operations	14,098	22,159	28,006	31,608	38,688	42,653	62,759	79,736
Change (%)	4.6	57.2	26.4	12.9	22.4	10.2	47.1	27.1
RM Cost	11,586	17,899	23,391	25,612	31,728	34,179	50,162	63,311
Employees Cost	729	1,028	1,336	1,312	1,595	1,818	2,636	3,349
Other Expenses	633	1,078	1,259	1,848	2,124	2,306	4,176	5,277
Total Expenditure	12,948	20,005	25,986	28,772	35,447	38,303	56,974	71,937
% of Sales	91.8	90.3	92.8	91.0	91.6	89.8	90.8	90.2
EBITDA	1,150	2,154	2,020	2,836	3,241	4,349	5,785	7,800
Margin (%)	8.2	9.7	7.2	9.0	8.4	10.2	9.2	9.8
Other Inc. (Oper.) - Commodity & Forex Hedging	20	-4	841	474	794.7	175.5	348.2	0.0
Adjusted EBITDA	1,170	2,149	2,860	3,309	4,036	4,525	6,133	7,800
Margin (%)	8.3	9.7	10.2	10.5	10.4	10.6	9.8	9.8
Depreciation	203	206	240	380	291	388	602	794
EBIT	967	1,944	2,621	2,929	3,745	4,137	5,531	7,006
Int. and Finance Charges	310	380	435	492	434	248	495	600
Other Income	52	83	90	304	324	594	367	500
PBT bef. EO Exp.	709	1,646	2,276	2,742	3,635	4,483	5,403	6,906
EO Items	0	0	0	0	0	0	0	0
PBT after EO Exp.	709	1,646	2,276	2,742	3,635	4,483	5,403	6,906
Total Tax	141	162	235	319	506	699	865	1,105
Tax Rate (%)	19.9	9.8	10.3	11.6	13.9	15.6	16.0	16.0
Minority Interest	44	91	30	31	5	-5	-5	-5
Reported PAT	525	1,394	2,011	2,392	3,124	3,788	4,543	5,806
Adjusted PAT	525	1,394	2,011	2,392	3,124	3,788	4,543	5,806
Change (%)	58.1	165.7	44.3	18.9	30.6	21.3	19.9	27.8
Margin (%)	3.7	6.3	7.2	7.6	8.1	8.9	7.2	7.3

Consolidated - Balance Sheet

(INR m)

Y/E March	FY21	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
Equity Share Capital	138	138	138	138	148	148	148	148
Total Reserves	2,551	3,730	5,751	8,236	20,552	24,369	28,838	34,570
Net Worth	2,689	3,869	5,889	8,374	20,699	24,516	28,986	34,718
Minority Interest	90	140	128	132	76	68	63	58
Total Loans	2,611	3,915	3,477	5,451	2,823	7,323	8,840	9,840
Deferred Tax Liabilities	24	15	-61	2	4	146	146	146
Capital Employed	5,415	7,939	9,433	13,959	23,602	32,054	38,035	44,762
Gross Block	2,285	2,650	3,690	4,759	5,853	9,708	14,864	22,074
Less: Accum. Deprn.	562	738	957	1,337	1,628	2,016	2,618	3,412
Net Fixed Assets	1,724	1,913	2,733	3,423	4,226	7,692	12,246	18,662
Goodwill on Consolidation	0	0	0	0	58	1,628	1,628	1,628
Capital WIP	135	425	455	428	393	475	1,170	1,510
Total Investments	0	0	11	165	5,279	4,127	4,127	4,127
Current Investments	0	0	0	165	4,911	3,830	0	0
Curr. Assets, Loans&Adv.	5,405	7,638	8,789	12,008	15,195	20,247	22,778	24,599
Inventory	3,577	5,135	5,965	6,746	6,168	10,233	10,146	12,811
Account Receivables	594	1,097	1,370	2,643	2,751	4,309	4,470	5,680
Cash and Bank Balance	199	325	381	988	4,073	2,018	4,396	1,324
Loans and Advances	1,035	1,081	1,073	1,631	2,203	3,687	3,766	4,784
Curr. Liability & Prov.	1,849	2,036	2,555	2,065	1,549	2,116	3,915	5,764
Account Payables	1,357	329	895	675	396	674	937	1,183
Other Current Liabilities	376	1,515	1,457	1,379	870	1,124	2,510	3,987
Provisions	116	193	202	11	282	318	468	594
Net Current Assets	3,556	5,601	6,234	9,944	13,646	18,131	18,864	18,835
Misc Expenditure	0	0	0	0	0	0	0	0
Appl. of Funds	5,415	7,939	9,433	13,959	23,602	32,054	38,035	44,762

Financials and valuations

Ratios

Y/E March	FY21	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
Basic (INR)								
EPS	7.6	20.2	29.1	34.6	42.3	51.3	61.6	78.7
Cash EPS	10.5	23.2	32.6	40.1	46.3	56.6	69.7	89.4
BV/Share	38.9	56.0	85.3	121.3	280.5	332.2	392.8	470.4
DPS	1.1	3.5	0.6	0.9	1.0	1.0	1.0	1.0
Payout (%)	14.2	17.1	2.1	2.5	2.4	1.9	1.6	1.3
Valuation (x)								
P/E	215.6	81.1	56.2	47.3	38.7	31.9	26.6	20.8
Cash P/E	155.4	70.7	50.3	40.8	35.4	28.9	23.5	18.3
P/BV	42.1	29.2	19.2	13.5	5.8	4.9	4.2	3.5
EV/Sales	8.2	5.3	4.2	3.7	3.0	2.9	2.0	1.6
EV/EBITDA	100.5	54.3	57.6	41.5	35.4	28.1	21.7	16.6
Dividend Yield (%)	0.1	0.2	0.0	0.1	0.1	0.1	0.1	0.1
FCF per share	8.0	-8.8	13.5	-8.9	23.7	-6.3	14.4	-52.8
Return Ratios (%)								
RoE	21.2	42.5	41.2	33.5	21.5	16.8	17.0	18.2
RoCE	15.8	27.9	28.3	24.6	18.8	14.4	14.2	15.3
RoIC	15.4	28.6	20.2	20.7	19.4	17.0	16.2	17.8
Working Capital Ratios								
Fixed Asset Turnover (x)	6.2	8.4	7.6	6.6	6.6	4.4	4.2	3.6
Asset Turnover (x)	2.6	2.8	3.0	2.3	1.6	1.3	1.7	1.8
Inventory (Days)	101	94	84	86	64	98	65	59
Debtor (Days)	15	18	18	31	26	37	26	26
Creditor (Days)	38	6	13	9	4	6	6	5
Leverage Ratio (x)								
Current Ratio	2.9	3.8	3.4	5.8	9.8	9.6	5.8	4.3
Interest Cover Ratio	3.1	5.1	6.0	6.0	8.6	16.7	11.2	11.7
Net Debt/Equity	0.9	0.9	0.5	0.5	-0.3	0.1	0.2	0.2

Consolidated - Cash Flow Statement

(INR m)

Y/E March	FY21	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
OP/(Loss) before Tax	709	1,646	2,276	2,742	3,635	4,483	5,403	6,906
Depreciation	203	206	240	380	291	388	602	794
Interest & Finance Charges	271	327	384	188	434	248	128	100
Direct Taxes Paid	-115	-149	-235	-319	-506	-642	-865	-1,105
(Inc)/Dec in WC	-302	-2,062	-822	-2,567	-787	-2,078	1,645	-3,044
CF from Operations	765	-32	1,843	424	3,067	2,399	6,914	3,651
Others	0	128	154	0	-245	-706	0	0
CF from Operating incl EO	765	96	1,997	424	2,822	1,693	6,914	3,651
(Inc)/Dec in FA	-212	-702	-1,064	-1,042	-1,073	-2,157	-5,850	-7,550
Free Cash Flow	553	-606	933	-618	1,749	-464	1,064	-3,899
(Pur)/Sale of Investments	0	4	-11	0	-4,819	1,503	0	0
Others	19	3	21	-536	-2,744	-2,985	367	500
CF from Investments	-194	-695	-1,054	-1,578	-8,636	-3,639	-5,483	-7,050
Issue of Shares	0	0	0	0	9,815	0	0	0
Inc/(Dec) in Debt	-193	1,294	-442	1,974	-2,612	2,487	1,517	1,000
Interest Paid	-265	-336	-389	-492	-443	-242	-495	-600
Dividend Paid	-74	-238	-43	-60	-354	-462	-74	-74
Others	-33	0	0	338	-4	-4	0	0
CF from Fin. Activity	-565	719	-874	1,760	6,403	1,779	948	326
Inc/Dec of Cash	6	121	69	606	588	-167	2,379	-3,072
Opening Balance	107	113	234	382	988	4,073	2,018	4,396
Other cash & cash equivalent	85	91	78	0	2,497	-1,888	0	
Closing Balance	198	325	382	988	4,073	2,018	4,396	1,324

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

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 and BSE enlistment no. 5028. 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 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 and is a member of Association of Portfolio Managers in India (APMI) for distribution of PMS products. Details of associate entities of Motilal Oswal Financial Services Ltd. are available on the website at <http://onlinereports.motilaloswal.com/Dormant/documents/Associate%20Details.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>. As per Regulatory requirements, Research Audit Report is uploaded on www.motilaloswal.com > MOFSL-Important Links > MOFSL Research Analyst Compliance Audit Report.

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 Motilal Oswal Securities (SEBI Reg. No. INH000000412) 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

Specific Disclosures

- Research Analyst and/or his/her relatives do not have a financial interest in the subject company(ies), as they do not have equity holdings in the subject company(ies). MOFSL has financial interest in the subject company(ies) at the end of the week immediately preceding the date of publication of the Research Report: Yes.
Nature of Financial interest is holding equity shares or derivatives of the subject company
- Research Analyst and/or his/her relatives do not have actual/beneficial ownership of 1% or more securities in the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report.
MOFSL has actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report: No
- Research Analyst and/or his/her relatives have not received compensation/other benefits from the subject company(ies) in the past 12 months.
MOFSL may have received compensation from the subject company(ies) in the past 12 months.
- Research Analyst and/or his/her relatives do not have material conflict of interest in the subject company at the time of publication of research report.
MOFSL does not have material conflict of interest in the subject company at the time of publication of research report.
- Research Analyst has not served as an officer, director or employee of subject company(ies).
- 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(ies) in the past 12 months.
- MOFSL may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company(ies) in the past 12 months.
- MOFSL may have received compensation or other benefits from the subject company(ies) or 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 appearance.
- 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
- 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.

Disclaimer:

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, nor 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, enlistment as RA with Exchange 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 Agarwal, 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
Mr. Neeraj Agarwal	022 40548085	na@motilaloswal.com
Mr. Siddhartha Khemka	022 50362452	po.research@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, BSE enlistment no. 5028, AMFI registered Mutual Fund Distributor and SIF Distributor: ARN : 146822. IRDA Corporate Agent – CA0579, APMI: APRN00233. 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.