

Havells India

Estimate change	↓
TP change	↓
Rating change	↔

CMP: INR1,187 TP: INR1,220 (+3%) Neutral

Weak performance as higher A&P spending hurts margins Lloyd and switchgear lag; renewable growth continuing

Bloomberg	HAVL IN
Equity Shares (m)	627
M.Cap.(INRb)/(USDb)	745.1 / 7.7
52-Week Range (INR)	1623 / 1124
1, 6, 12 Rel. Per (%)	-2/-11/-19
12M Avg Val (INR M)	1334
Free float (%)	40.7

Financials & Valuations (INR b)

Y/E MARCH	FY26	FY27E	FY28E
Sales	225.3	256.8	288.7
EBITDA	22.0	24.4	28.9
Adj. PAT	15.2	15.7	19.1
EBITDA Margin (%)	9.8	9.5	10.0
Cons. Adj. EPS (INR)	24.3	25.0	30.5
EPS Gr. (%)	3.6	3.0	21.7
BV/Sh. (INR)	150.7	167.0	186.8

Ratios

Net D:E	(0.2)	(0.3)	(0.3)
RoE (%)	16.1	15.0	16.3
RoCE (%)	14.9	14.7	16.0
Payout (%)	41.1	35.0	35.0

Valuations

P/E (x)	49.0	47.6	39.1
P/BV (x)	7.9	7.1	6.4
EV/EBITDA (x)	32.9	29.4	24.7
Div Yield (%)	0.8	0.7	0.9
FCF Yield (%)	0.2	1.0	1.4

Shareholding pattern (%)

As of	Jun-26	Mar-26	Jun-25
Promoter	59.4	59.4	59.4
DII	18.3	17.7	13.4
FII	15.9	16.9	21.6
Others	6.5	6.0	5.6

FII includes depository receipts

- Havells India (HAVL) reported a weak performance in 1QFY27 due to a dip in switchgear revenue and margin contraction, led by higher A&P spending (4.4% of revenue vs. 2.6% in 1QFY26/4QFY26, each) and higher raw material costs. Revenue grew ~19% YoY (in line). EBITDA declined ~10% YoY to INR4.7b (~24% below our estimate). OPM contracted 2.3pp YoY to 7.2% (est. 9.2%). PAT declined ~17% YoY to INR2.9b (~29% miss).
- Management indicated that the Lloyd/ECD segments experienced higher volatility due to changing weather conditions. In switchgear, the export business was affected by the West Asia crisis, while domestic demand remained fairly stable. Advertising spending was front-loaded due to seasonality and higher brand-building efforts. HAVL expects advertising spending to normalize over the rest of the year. In C&W, volume growth remained flat across wires and cables. In lighting, pricing has stabilized, and it is now seeing some value growth. The renewables business continued to scale rapidly with strong revenue growth, leveraging sector tailwinds.
- We cut our EBITDA estimates by ~6%/8% for FY27/FY28 due to a cut in our margin estimates. This cut has led to an EPS reduction of ~8%/10% for FY27/FY28. HAVL trades at 48x/39x FY27E/ FY28E EPS. We reiterate our Neutral rating with a TP of INR1,220 (based on 40x FY28E EPS).

C&W/ECD margins down 2.2pp/2.6pp YoY to ~10%/5.2%

- HAVL's consol. revenue/EBITDA/PAT stood at INR65.2b/INR4.7b/INR2.9b (+19%/-10%/-17% YoY and -2%/-24%/-29% vs. our estimate). Gross margin contracted 2.2pp YoY to ~31%. OPM dipped 2.3pp YoY to 7.2%. OPM (ex-Lloyd) stood at 9.8% (down 2.9pp YoY; 3.8pp below our estimate).
- Segmental highlights: 1) HAVL's revenue (excl. Lloyd) increased ~21% YoY to INR50.6b. **C&W's** revenue grew ~27% YoY to INR24.6b, and EBIT margin declined 2.2pp YoY to ~10%. The **Switchgear** revenue declined ~4% YoY to INR6.1b, while EBIT margin contracted 2.6pp YoY to ~21%. The **Lighting** revenue increased ~5% YoY to INR4.0b, while the EBIT margin dipped 1.6pp YoY to ~10%. The **ECD** revenue increased ~12% YoY to INR11.1b, and EBIT margin declined 2.7pp YoY to ~5%. 2) **Lloyd's** revenue grew ~15% YoY to INR14.6b. Segment loss was INR563m vs. a loss of INR209m in 1QFY26.

Key highlights from the management commentary

- In Lloyd, volume growth was in single digits YoY; however, value growth was higher, led by calibrated price hikes in 1HCY26. It indicated that secondary sales remained healthy.
- It has implemented staggered price hikes across product categories in the range of ~7-8%, while categories with higher copper and aluminum content witnessed steeper increases (up to ~20%).
- Capex was pegged at INR8.0b for the cables business, INR2.0b was marked for establishing a new R&D center, and the balance was allocated to other businesses.

Sanjeev Kumar Singh - Research analyst (Sanjeev.Singh@MotilalOswal.com)

Research analyst - Mudit Agarwal (Mudit.Agarwal@MotilalOswal.com) | **Abhishek Sheth** (Abhishek.Sheth@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.

Valuation and view

- HAVL's 1QFY27 performance was below our estimates due to lower-than-estimated revenue growth in switchgear/Lloyd businesses and weak margins due to higher advertising spends. Although management remains confident of margin improvement through price hikes, normalization of advertising spends, and operating leverage, demand remains uneven across segments. Further, we estimate losses to continue in the Lloyd business till FY28E. In C&W, commodity volatility remained a key challenge in the near-term.
- We expect HAVL to report a revenue/EBITDA/PAT CAGR of ~13%/15%/12% over FY26-28E. We estimate C&W/ECD/Lloyd revenue CAGR in the range of ~12%-16% and ~4%-5% in switchgear/lighting segments. We estimate its OPM range bound at 9.5%-10.0% over FY27-28 (below its historical average of ~13% over FY12-22). We estimate a stable RoE and RoCE of ~16% (each).
- HAVL trades fairly at 48x/39x FY27E/FY28E EPS. We reiterate our Neutral rating with a TP of INR1,220, based on 40x FY28E EPS.

Quarterly performance

Y/E March	FY26				FY27E				FY26	FY27E	MOFSL	Var.
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE	
Sales	54,554	47,793	55,879	67,052	65,182	54,544	62,433	74,619	2,25,278	2,56,778	66,400	-2%
Change (%)	-6.0	5.3	14.3	2.5	19.5	14.1	11.7	11.3	3.4	14.0	21.7	
Adj. EBITDA	5,157	4,384	5,161	7,294	4,662	5,321	6,295	8,157	21,997	24,434	6,111	-24%
Change (%)	-9.9	16.9	21.0	-3.6	-9.6	21.4	22.0	11.8	3.2	11.1	18.5	
Adj. EBITDA margin (%)	9.5	9.2	9.2	10.9	7.2	9.8	10.1	10.9	9.8	9.5	9.2	(205)
Depreciation	1,057	1,058	1,086	1,118	1,206	1,216	1,246	1,270	4,319	4,937	1,168	3%
Interest	94	91	89	99	75	110	105	121	373	410	80	-7%
Other Income	692	911	541	271	542	785	460	459	2,414	2,245	650	-17%
PBT	4,698	4,146	4,527	6,349	3,923	4,780	5,404	7,225	19,719	21,332	5,513	-29%
Extraordinary items	-	-	(450)	2,827	-	-	-	-	2,377	-	0	
Tax	1,222	963	1,076	1,942	1,026	1,262	1,427	1,914	5,203	5,629	1,456	
Effective Tax Rate (%)	26.0	23.2	23.8	30.6	26.1	26.4	26.4	26.5	26.4	26.4	26.4	
Reported PAT	3,475	3,183	3,001	7,234	2,897	3,518	3,977	5,310	16,893	15,703	4,058	-29%
Change (%)	(14.7)	18.9	7.9	39.9	(16.6)	10.5	32.6	(26.6)	14.9	-7.0	16.8	
Adj. PAT	3,475	3,183	3,341	5,249	2,897	3,518	3,977	5,310	15,247	15,703	4,058	-29%
Change (%)	(14.7)	18.9	20.2	1.5	(16.6)	10.5	19.0	1.2	3.7	3.0	16.8	

Segmental performance (INR m)

Y/E March	FY26				FY27E				FY26	FY27E	FY27	Var.
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE	
Sales												
Switchgear	6,298	5,955	6,244	7,354	6,077	6,313	6,743	7,758	25,857	26,891	6,676	-9%
Cables & Wires	19,332	20,282	22,411	24,741	24,556	24,136	25,549	28,144	86,767	1,02,385	24,552	0%
ECD	9,949	8,418	11,515	10,824	11,131	9,260	12,436	11,556	38,762	44,383	10,706	4%
Lighting & Fixtures	3,802	4,284	4,306	4,487	4,006	4,413	4,521	4,614	16,879	17,554	3,992	0%
Lloyd	12,711	4,822	7,006	15,205	14,574	5,786	8,127	17,218	39,744	45,705	15,635	-7%
EBIT												
Switchgear	1,476	1,328	1,375	1,717	1,267	1,357	1,551	1,902	5,886	6,077	1,469	-14%
Cables & Wires	2,426	2,782	2,654	3,514	2,545	2,896	3,194	3,958	11,376	12,593	3,364	-24%
ECD	787	475	1,163	1,111	583	741	1,219	1,230	3,428	3,773	964	-39%
Lighting & Fixtures	455	546	479	958	415	552	588	816	2,438	2,370	599	-31%
Lloyd	(209)	(1,060)	(604)	(272)	(563)	(868)	(569)	(149)	(2,144)	(2,148)	(469)	20%
EBIT Margin (%)												
Switchgear	23.4	22.3	22.0	23.4	20.8	21.5	23.0	24.5	22.8	22.6	22.0	(116)
Cables & Wires	12.6	13.7	11.8	14.2	10.4	12.0	12.5	14.1	13.1	12.3	13.7	(334)
ECD	7.9	5.6	10.1	10.3	5.2	8.0	9.8	10.6	8.8	8.5	9.0	(376)
Lighting & Fixtures	12.0	12.7	11.1	21.3	10.4	12.5	13.0	17.7	14.4	13.5	15.0	(464)
Lloyd	(1.6)	(22.0)	(8.6)	(1.8)	(3.9)	(15.0)	(7.0)	(0.9)	(5.4)	(4.7)	(3.0)	(86)

Story in charts

Exhibit 1: HAVL's (ex-Lloyd) revenue rose 21% YoY

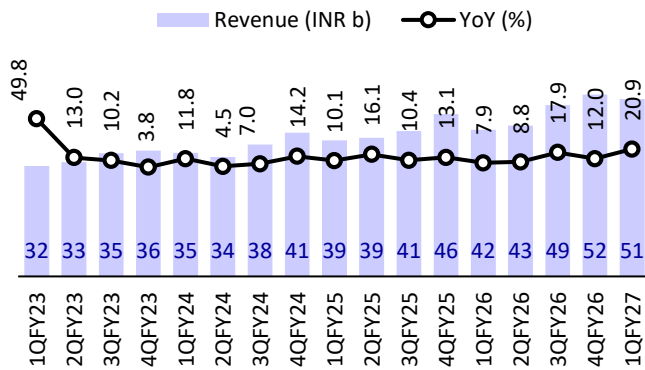


Exhibit 2: Lloyd's revenue increased ~15% YoY

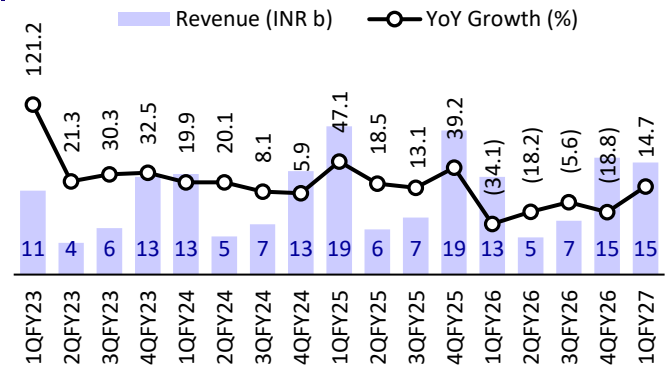


Exhibit 3: HAVL's (ex-C&W) sales increased ~16% YoY

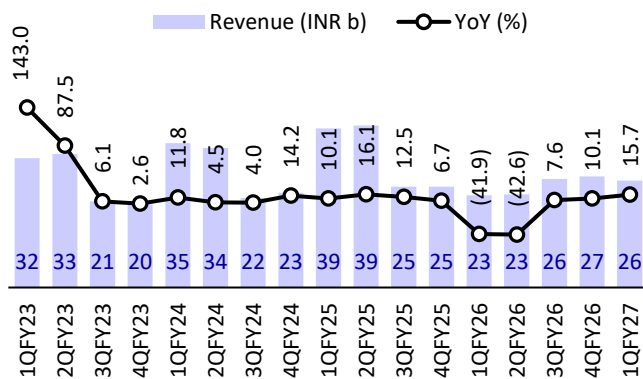


Exhibit 4: HAVL's (ex-C&W) EBIT margin trend

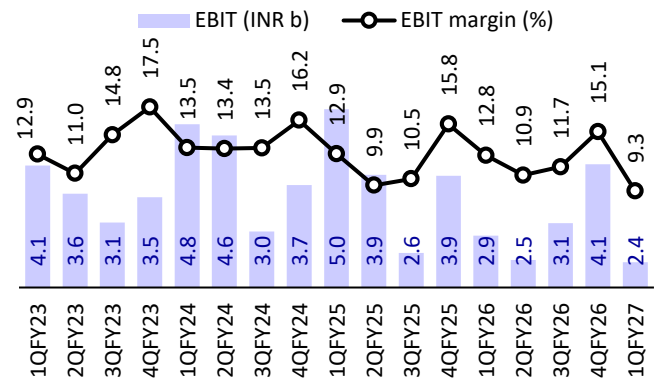


Exhibit 5: Ad spending as a % of revenue surged

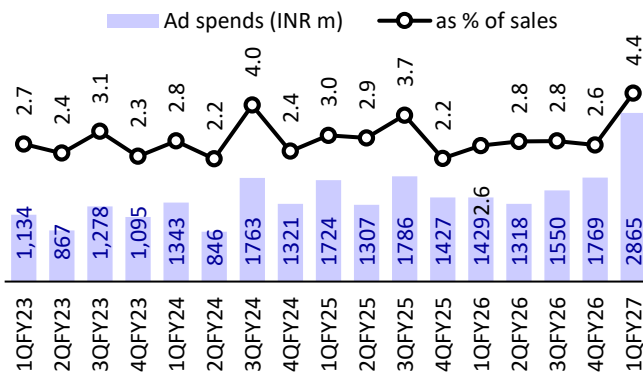


Exhibit 6: Other expenses (ex-ad spending) as a % of sales

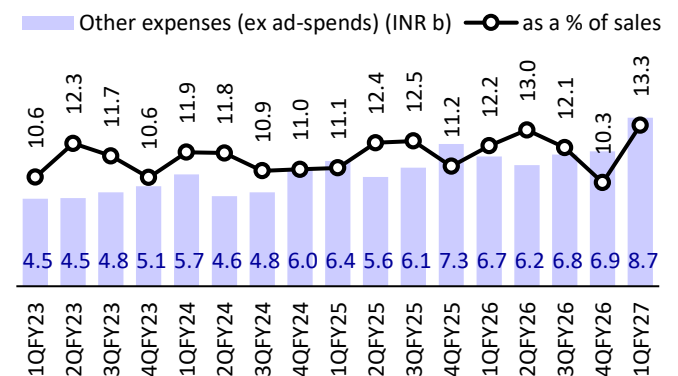


Exhibit 7: Gross margin dipped 2.2pp YoY in 1QFY27

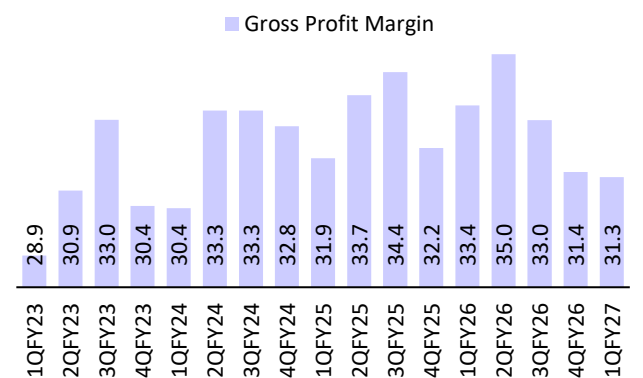
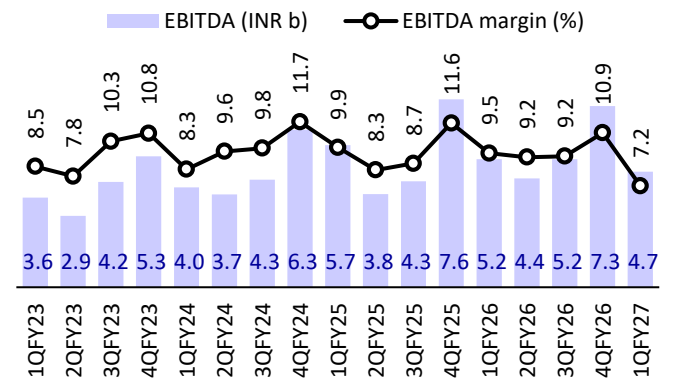


Exhibit 8: EBITDA margin contracted 2.3pp YoY to 7.2%



Source: MOFSL, Company

Source: MOFSL, Company



Key highlights from the management commentary

Lloyd/Consumer Durables (ECD):

- Lloyd and the overall ECD business continued to experience the highest volatility across the portfolio.
- The company has implemented staggered price hikes, strengthened its distribution strategy, and focused on improving return on capital while protecting market share.
- It indicated that the company has gained market share despite pricing actions.
- Lloyd AC volumes registered single-digit growth, while value growth outpaced volume growth, aided by price increases.
- It reiterated that Lloyd's advertising strategy is focused on two objectives: maintaining strong consumer recall during the peak season and building a long-term premium brand image.
- Elevated A&P spending for Lloyd is expected to continue over the next couple of years, as the company invests in communicating product quality, features, and premium positioning across categories.
- Higher advertising investments during 1QFY27 were not limited to seasonal products but also supported other product categories, with additional marketing activity expected during the festive season.

Advertising & Brand Investments

- Higher advertising spends in 1QFY27 reflect a strategic timing shift rather than a structural increase.
- Marketing investments were front-loaded due to the seasonal nature of products, with a reallocation between ATL and BTL spending across categories.
- A&P expenditure is expected to normalize over the remainder of the year. It intends to maintain advertising spend at its long-term average of ~2.7% of revenue. Advertising is viewed as a long-term investment supporting premiumization, value growth and market share gains.

Cables & Wires (C&W)

- Volume growth remained largely flat across both wires and cables during the quarter.
- In the domestic wires business, the company successfully protected contribution margins despite commodity price volatility through disciplined pricing and improved distribution strategy.
- It is shifting towards a sell-out-driven distribution model, strengthening retail demand rather than relying on channel inventory build-up.
- Temporary volume impact in wires during the quarter reflected falling commodity prices and channel adjustments rather than underlying demand weakness.
- The cables business continued to witness strong growth, supported by ongoing capacity expansion, with emphasizing that future growth being driven by sustained capacity additions.
- It remains positive on the long-term outlook for both cables and wires, supported by continued investments in manufacturing capacity, brand building and distribution.

Lighting

- Pricing has largely stabilized after a prolonged period of deflation, supporting a return to value-led growth. It expects the lighting business to transition from price-led pressure to healthier value growth.
- It indicated that price hikes could be undertaken in the coming quarters, primarily to offset rising electronic component costs.

Switchgear

- The international switchgear business was impacted during 1QFY27 due to geopolitical disruptions. International business accounted for ~15% of switchgear revenue in 1QFY27.
- It expects a strong recovery in international switchgear in 2QFY27, while domestic demand remains stable.

Renewables

- The renewable energy business continues to maintain healthy margins despite an adverse product mix.
- Solar pump contribution remains insignificant currently, but is expected to improve in the coming quarters.
- Higher contribution from solar panels (lower-margin products) impacted margins; increasing mix of inverters and consumer-focused products should support margin improvement going forward.
- It remains positive on the long-term renewable opportunity, supported by favorable government policies and structural demand.
- Strategic focus is on residential, commercial, and industrial (C&I) renewable solutions rather than utility-scale projects.
- The company is expanding into adjacent categories, including Battery energy storage solutions (BESS), EV chargers, and other renewable energy solutions, leveraging its existing brand and distribution network.
- Manufacturing strategy is increasingly focused on insourcing, supported by the strategic investment in Goldi Solar, which provides supply chain security, while additional renewable products will progressively be manufactured in-house or through technology partnerships.

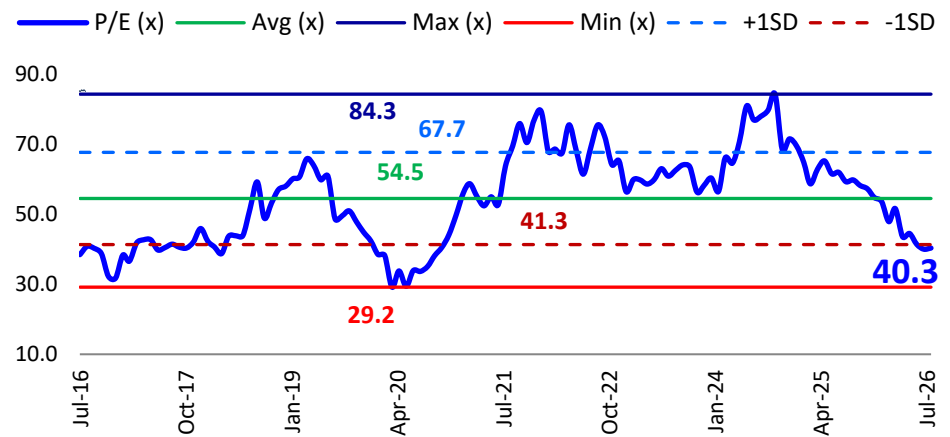
Pricing and contribution margin

- The company has implemented staggered price hikes across product categories, with the extent of increases varying based on raw material exposure.
- Average price hikes across the portfolio are estimated at ~7%–8%, while categories with higher copper and aluminum content witnessed steeper increases (up to ~20%).
- Most of the required price hikes have already been implemented, with the full benefit expected to flow through from 2QFY27.
- It expects contribution margins to stabilize in the coming quarters as raw material volatility moderates and pricing actions take full effect.
- Double-digit operating margins are expected to return in the normal (non-seasonal) quarters, with recent margin pressure largely reflecting timing differences between cost inflation and price pass-through.

Others

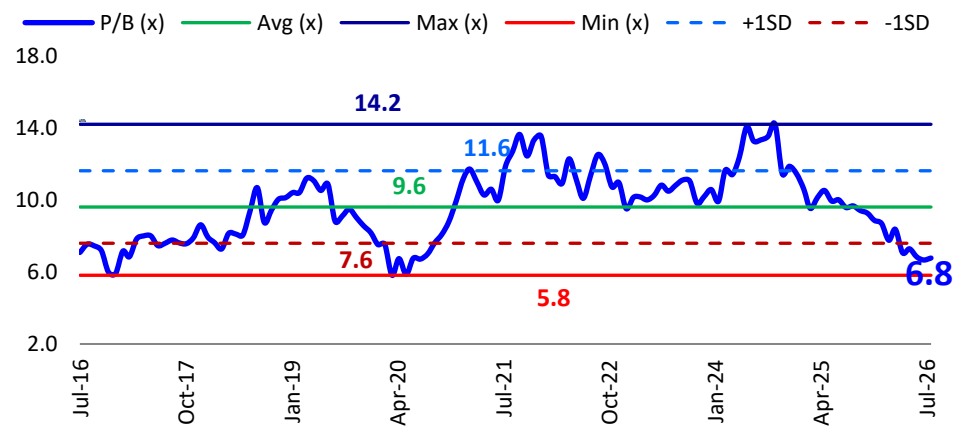
- It indicated that the quarter has started on a positive note, with business momentum expected to continue. Besides periodic price increases, profitability improvement is expected to be driven by a richer product mix and faster growth in higher-margin categories.
- Capex was pegged at INR8.0b for the cables business, INR2.0b was marked for establishing a new R&D center, and the balance was allocated to other businesses.

Exhibit 9: One-year forward P/E chart



Source: MOFSL, Company

Exhibit 10: One-year forward P/B chart



Source: MOFSL, Company

Financials and valuations (Consolidated)

Income Statement							(INR m)	
Y/E March	2021	2022	2023	2024	2025	2026	2027E	2028E
Net Sales	1,04,279	1,38,885	1,69,107	1,85,900	2,17,781	2,25,278	2,56,778	2,88,724
Change (%)	10.6	33.2	21.8	9.9	17.1	3.4	14.0	12.4
Raw Materials	64,749	93,840	1,17,055	1,25,687	1,46,084	1,50,795	1,73,325	1,93,734
Gross margin (%)	37.9	32.4	30.8	32.4	32.9	33.1	32.5	32.9
Staff Cost	8,853	10,147	12,816	15,484	18,700	19,837	22,813	26,235
Other Expenses	15,024	17,322	23,245	26,304	31,688	32,648	36,206	39,844
EBITDA	15,653	17,576	15,991	18,426	21,309	21,997	24,434	28,911
% of Net Sales	15.0	12.7	9.5	9.9	9.8	9.8	9.5	10.0
Depreciation	2,489	2,608	2,962	3,385	4,004	4,319	4,937	5,212
Interest	726	534	336	457	432	373	410	451
Other Income	1,450	1,604	1,777	2,490	3,033	2,414	2,245	2,710
PBT	13,888	16,038	14,471	17,074	19,905	19,719	21,332	25,957
Tax	3,590	4,091	3,753	4,366	5,203	5,203	5,629	6,849
Rate (%)	25.8	25.5	25.9	25.6	26.1	26.4	26.4	26.4
Extra-ordinary Inc.(net)	98	0	0	0	0	2,377	0	0
Reported PAT	10,396	11,948	10,717	12,708	14,702	16,893	15,703	19,108
Change (%)	41.8	14.9	-10.3	18.6	15.7	14.9	-7.0	21.7
Adjusted PAT	10,298	11,948	10,717	12,708	14,702	15,247	15,703	19,108
Change (%)	40.5	16.0	-10.3	18.6	15.7	3.7	3.0	21.7

Balance Sheet (Consolidated)							(INR m)	
Y/E March	2021	2022	2023	2024	2025	2026	2027E	2028E
Share Capital	626	626	627	627	627	627	627	627
Reserves	51,019	59,260	65,628	73,841	82,611	93,927	1,04,134	1,16,554
Net Worth	51,645	59,886	66,255	74,468	83,238	94,555	1,04,762	1,17,182
Loans	4,922	3,955	0	0	0	0	0	0
Deferred Tax Liability	3,391	3,506	3,615	3,575	3,753	4,346	4,346	4,346
Capital Employed	59,958	67,348	69,870	78,043	87,163	99,032	1,09,239	1,21,659
Gross Fixed Assets	41,965	46,005	50,838	57,896	68,540	79,769	89,769	99,769
Less: Depreciation	9,062	11,670	14,632	18,017	22,021	26,340	31,277	36,490
Net Fixed Assets	32,903	34,335	36,207	39,879	46,519	53,429	58,491	63,279
Capital WIP	899	572	1,664	2,987	1,182	4,425	4,425	4,425
Investments	3,079	4,261	2,009	200	110	8,827	8,827	8,827
Curr. Assets	51,321	65,884	71,695	81,261	90,283	80,781	92,266	1,06,329
Inventory	26,199	29,681	37,086	34,086	40,469	44,407	47,838	53,790
Debtors	5,636	7,675	9,755	11,652	12,587	8,547	9,743	10,955
Cash & Bank Balance	16,247	25,358	18,702	30,382	33,781	23,635	27,650	33,674
Other Current Assets	3,238	3,169	6,152	5,141	3,447	4,192	7,035	7,910
Current Liab. & Prov.	28,245	37,704	41,705	46,284	50,931	48,430	54,771	61,201
Creditors	15,968	23,794	26,432	26,919	30,470	29,084	33,151	37,275
Other Liabilities	9,117	10,615	11,157	15,711	16,565	16,261	18,535	20,841
Provisions	3,160	3,295	4,116	3,654	3,896	3,085	3,085	3,085
Net Current Assets	23,076	28,180	29,990	34,977	39,352	32,351	37,495	45,128
Application of Funds	59,958	67,348	69,870	78,043	87,163	99,032	1,09,239	1,21,659

Financials and valuations (Consolidated)

Ratios

Y/E March	2021	2022	2023	2024	2025	2026	2027E	2028E
Basic (INR)								
Adjusted EPS	16.5	19.1	17.1	20.3	23.5	24.3	25.0	30.5
Growth (%)	40.4	16.0	-10.3	18.5	15.7	3.6	3.0	21.7
Cash EPS	20.4	23.2	21.8	25.7	29.8	31.2	32.9	38.8
Book Value	82.5	95.6	105.8	118.8	132.8	150.7	167.0	186.8
DPS	2.5	6.5	7.5	9.0	10.0	10.0	8.8	10.7
Payout (incl. Div. Tax.)	18.2	34.1	43.9	37.0	42.6	41.1	35.0	35.0
Valuation (x)								
P/Sales	7.1	5.4	4.4	4.0	3.4	3.3	2.9	2.6
P/E (standalone)	72.4	62.4	69.6	58.7	50.8	49.0	47.6	39.1
Cash P/E	58.3	51.2	54.5	46.4	39.9	38.2	36.2	30.7
EV/EBITDA	46.9	41.2	45.5	38.9	33.4	32.9	29.4	24.7
EV/Sales	7.0	5.2	4.3	3.9	3.3	3.2	2.8	2.5
Price/Book Value	14.4	12.5	11.3	10.0	9.0	7.9	7.1	6.4
Dividend Yield (%)	0.2	0.5	0.6	0.8	0.8	0.8	0.7	0.9
Profitability Ratios (%)								
RoE	19.9	20.0	16.2	17.1	17.7	16.1	15.0	16.3
RoCE	18.1	18.3	15.7	16.7	17.2	14.9	14.7	16.0
RoIC	24.0	29.6	19.6	23.6	24.0	19.5	19.7	22.0
Turnover Ratios								
Debtors (Days)	20	20	21	23	21	14	14	14
Inventory (Days)	92	78	80	67	68	72	68	68
Creditors. (Days)	56	63	57	53	51	47	47	47
Asset Turnover (x)	1.7	2.1	2.4	2.4	2.5	2.3	2.4	2.4
Leverage Ratio								
Net Debt/Equity (x)	-0.2	-0.4	-0.3	-0.4	-0.4	-0.2	-0.3	-0.3

Cash Flow Statement

(INR m)

Y/E March	2021	2022	2023	2024	2025	2026	2027E	2028E
PBT before EO Items	14,104	16,272	14,610	17,185	20,465	19,112	21,332	25,957
Add : Depreciation	2,489	2,608	2,962	3,385	4,004	4,319	4,937	5,212
Interest	(315)	(717)	(898)	(1,393)	(1,823)	(1,030)	(1,835)	(2,258)
Less : Direct Taxes Paid	2,714	4,138	3,919	3,919	5,055	5,102	5,629	6,849
(Inc)/Dec in WC	6,985	(3,420)	7,105	(4,272)	2,438	1,579	1,129	1,609
CF from Operations	6,579	17,446	5,649	19,529	15,153	15,720	17,676	20,453
(Inc)/Dec in FA	(1,227)	(2,490)	(5,855)	(7,278)	(7,209)	(14,218)	(10,000)	(10,000)
Free Cash Flow	5,353	14,956	(206)	12,251	7,944	1,502	7,676	10,453
(Pur)/Sale of Investments	(2,169)	(5,102)	6,206	(8,861)	4,193	5,289	2,245	2,710
CF from Investments	(3,396)	(7,592)	350	(16,139)	(3,016)	(8,929)	(7,755)	(7,290)
(Inc)/Dec in Net Worth / Others	195	(183)	(360)	(558)	(346)	(654)	-	-
(Inc)/Dec in Debt	4,136	(973)	(3,937)	-	-	-	-	-
Less : Interest Paid	459	245	70	76	75	10	410	451
Dividend Paid	1,878	4,073	4,703	4,701	6,268	6,271	5,496	6,688
CF from Fin. Activity	1,994	(5,473)	(9,069)	(5,336)	(6,689)	(6,935)	(5,906)	(7,139)
Inc/Dec of Cash	5,178	4,380	(3,070)	(1,945)	5,449	(144)	4,015	6,024
Add: Beginning Balance (including bank deposits)	11,069	20,978	21,771	32,327	28,333	23,779	23,635	27,650
Closing Balance	16,247	25,358	18,702	30,382	33,781	23,635	27,650	33,674

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/NCDX); 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.