

Tata Consumer



BSE SENSEX S&P CNX 71,501 21,572

CMP: INR1,138 TP: INR1,350 (+19%)

Buy

TATA CONSUMER PRODUCTS

Bloomberg	TATACONS IN
Equity Shares (m)	922
M.Cap.(INRb)/(USDb)	1057.8 / 12.7
52-Week Range (INR)	1216 / 685
1, 6, 12 Rel. Per (%)	19/24/32
12M Avg Val (INR M)	1258
Free float (%)	65.6

Financials Snapshot (INR b)

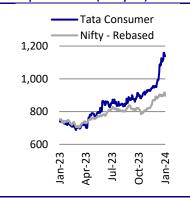
manciais snapsno	c (111411 2	'1	
Y/E MARCH	2024E	2025E	2026E
Sales	152.6	179.2	196.4
Adj EBITDA	21.7	27.9	30.4
Adj. PAT	13.7	18.0	20.3
EBITDA Margin (%)	14.2	15.5	15.5
Cons. Adj. EPS (INR)	14.4	18.2	20.5
EPS Gr. (%)	26.1	26.6	12.6
BV/Sh. (INR)	185.7	242.7	258.0
Ratios			
Net D:E	-0.1	0.0	-0.1
RoE (%)	8.1	9.0	8.8
RoCE (%)	11.0	11.9	11.3
Payout (%)	45.8	35.5	32.2
Valuations			
P/E (x)	79.3	62.6	55.6
P/BV (x)	47.4	37.3	33.9
EV/EBITDA(x)	0.6	0.6	0.6
Div. Yield (%)	0.3	2.3	1.5

Shareholding pattern (%)

As On	Sep-23	Jun-23	Sep-22
Promoter	34.4	34.4	34.7
DII	16.9	16.3	14.9
FII	25.3	25.5	25.7
Others	23.8	23.8	24.8

FII Includes depository receipts

Stock performance (one-year)



Growing footprint in the F&B industry

Tata Consumer (TATACONS)'s acquisitions of Capital Foods Pvt. Ltd (CF) and Organic India Pvt Ltd (OI) are in line with their strategic priority to expand the total addressable market (TAM) into adjacent, high-margin, and high-growth categories. The key highlights are as follows:

- These acquisitions will enable TATACONS to advance in its journey to become the leading FMCG player, offering a wide range of products across pantry, liquid, mini meals, and sustainable categories. The incremental TAM in India and internationally will increase to ~INR1t with these new additions.
- Through these acquisitions, TATACONS can benefit from multiple synergies, including access to new markets, wider distribution reach, optimized trade margins via increased shelf space, better operating leverage through economies of scale, and higher margins.
- We have factored in the financials of both the companies, assuming a fundraise via a rights issue amounting to INR35b, which is 50% of the total deal value (or 61% of the immediate funding requirement of INR57.25b). This is leading to an EPS dilution of 3%/2% in FY25E/26E and it will be EPS accretive from the third year of operations.

On track to become a premium F&B platform

- The acquisitions of CF and OI align with the company's strategy to establish a formidable F&B platform with a wide gamut of packaged foods spanning various cuisines and "better-for-you" products.
- CF is renowned for condiments, food products, and ingredients marketed under the Ching's Secret (77% of the business) and Smith & Jones (17%) brands. Ching's Secret leads the Desi Chinese genre, dominating across various product categories, viz., Chutneys, Blended Masalas, Sauces, and Soups. Meanwhile, Smith & Jones caters to the fast-growing trend of in-home cooking and specializes in Italian and other Western cuisines.
- OI specializes in organic teas & infusions (40% of the business), organic packaged products (40%) and health supplements (20%). It is backed by Fabindia.
- Both CF and OI's products complement the existing product categories of TATACONS, such as:
- The core portfolio of tea, coffee and salt (addition of organic Teas/infusions);
- Pantry platform consisting of pulses, spices, besan, poha, ready-to-cook items, etc. (addition of sauces, chutneys, noodles, organic packaged foods, Chinese masalas, and ginger-garlic paste);
- Mini-meals such as breakfast cereals, ready-to-eat items, snacks (addition of soups and instant noodles);
- And lastly, the latest category of Horizon 3 consisting of protein platform (addition of Herbal supplements).
- These acquisitions offer TATACONS a massive potential to drive synergies by leveraging the company's current distribution network (3.8m total reach), increasing scale, and delivering significant operating efficiencies through the high-margin products of CF and OI.

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

Research Analyst: Meet Jain (Meet.Jain@motilaloswal.com) | Omkar Mangesh Shintre (omkar.shintre@motilaloswal.com)

Expanding TAM into existing and newer markets

- CF secures top positions (#1 or #2) in five key categories: Chutneys (Schezwan), Blended Masalas (Desi Chinese), Sauces, Ginger Garlic Paste, and Soups.
- The **TAM** for the CF's products as of CY22 stood at INR214b, and it is expected to register a CAGR of 13% by CY27 to INR416b. This will take care of the strong growth trajectory of the brands in the Indian in-home consumption segment.
- OI is a 25+ year-old brand with a global presence in 48+ countries, mainly in India (50% of revenue) and the USA (40%), and long-standing relationships with 12,000+ farmers.
- Organic India operates in categories with a TAM of INR70b in India and INR750b in international markets, where TATACONS holds a strong presence. This TAM is expected to register a CAGR of 11%/8% in India/International to INR120b/INR1,110b by FY28.
- Together, the TAM for TATACONS will increase by INR1,034b.
- Both CF and OI have strong brand presence in the international markets, with exports contributing ~17%/48% in FY23. TATACONS can leverage this to scale up its in-house brands, such as Tata Raasa, Joyfull Millets, and Tata Sampann, in these markets.

Leveraging distribution reach and generating efficiencies

- CF has a strong distribution network of over 0.35m stores, bolstered by a high level of brand awareness. With TATACONS' distribution network of over 3.8m stores, the company has the potential to exponentially scale up the reach of CF brands through its own established distribution network.
- While OI has a presence in ~24,000 outlets, which can be scaled up rapidly post-integration. Further, the acquisition of OI will aid TATACONS in developing the pharma channel with OI's robust product portfolio, cross-selling other brands, and maximizing export potential through cross-synergies. Besides, OI's products are listed in premium outlet chains in the US (Whole Foods, Sprouts and Natural Grocer, etc.).
- TATACONS is planning to add another route (3rd) to its existing 1m cities, where they recently split their sales force into two routes i.e. food and beverages.
- In terms of scale, CF is estimated to touch INR9.5b of net sales with over 50%/20% gross/EBITDA margins in FY24, and OI is estimated to end FY24 with a revenue of over INR3.5b and gross margins of over 55%. This will lead to high growth and a higher margin mix in the overall financials of TATACONS.
- With an increase in scale, TATACONS can optimize its trade margins by increasing the shelf space, and thereby, optimizing its selling expenses.
 Moreover, higher sales will result in better operating leverages, which will in turn lead to margin expansion.
- The management is expecting the company to be cash-EPS accretive in its first full year of operations. Further, it anticipates that this deal will achieve EPS breakeven in the second year of operations and become EPS accretive thereafter.

Deal overview

■ TATACONS has acquired a 100% stake in **CF** for an enterprise value (no cash/no debt) of INR51b in an all-cash deal. The company was valued at 6.8x of its FY24E

- sales. Of this, 75% of the equity shareholding will be acquired upfront, and the remaining 25% will be acquired within the next three years.
- In another deal, TATACONS has acquired a 100% stake in **OI** at an enterprise value (no cash/no debt) of INR19b. The company was valued at 5.2x of its FY24E sales. Further, there is an additional earnout for the shareholders linked to FY25-26 audited financials of the target company. This acquisition aligns with TATACONS' strategy to expand the Horizon 3 segment, providing substantial growth opportunities.
- The combined deal value of both acquisitions stands at INR70b. It will be financed through a combination of available cash reserves, debt, and equity issuance through rights issues or any other mode (subject to Board approval).
- The deal is expected to be completed in 4QFY24, with operational integration set to commence shortly after the closing (to be completed within three to four months). The integration of both companies with TATACONS is scheduled to take place in FY25.

Valuation and View

- TATACONS's holistic strategy aims at transforming by: i) strengthening and accelerating its core business, ii) exploring new opportunities, iii) unlocking synergies, iv) digitizing the supply chain, v) expanding its product portfolio and innovation, vi) enhancing its focus on premiumization and health & wellness products, vii) embedding sustainability, and viii) expanding its sales and distribution infrastructure, supply chain, and capability building towards being a multi-category FMCG player.
- In line with its strategy of new opportunity exploration, TATACONS acquired the **CF and OI** businesses that will contribute ~8%/9% of the incremental PAT for FY25/26 and is expected to support margin expansion backed by the synergies discussed above.
- TATACONS has further strengthened its three strong legs Tata Tea (where it is adding organic tea and infusions from OI), Tata Salt, and Tata Sampann (pantry category where the CF portfolio will be housed).
- The acquisition is EPS accretive for the company from the third year of operations and is undertaken at industry standard valuations (~6.8x/5.2x EV/sales of FY24E vs. EV/Sales of ~6.4x for TATACONS). Further, this acquisition will improve the brand offerings and product portfolio of the company in both the domestic and the international markets.
- In terms of financing, rights issues will be more EPS-accretive than debt funding (refer to exhibit 7).
- We have factored in the financials of both the companies, assuming a fundraise via a rights issue amounting to INR35b, which is 50% of the total deal value (or 61% of the immediate funding requirement of INR57.25b). This is leading to an EPS dilution of 3%/2% in FY25E/26E and it will be EPS accretive from the third year of operations (refer to Exhibits: 4 and 7).
- We expect a CAGR of 13%/18%/25% in revenue/EBITDA/PAT over FY23-26. We arrive at our SoTP-based TP of INR1,350 and reiterate our BUY rating on the stock.

Exhibit 1: One-year forward P/E (x)

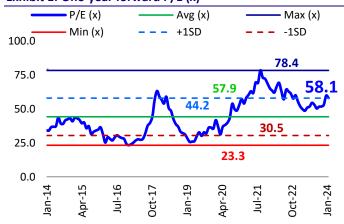
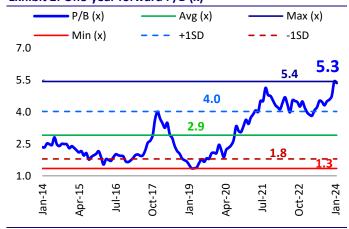


Exhibit 2: One-year forward P/B (x)



Source: Company, MOFSL Source: Company, MOFSL

Exhibit 3: Valuation

EV/EBITDA	FY26 EBITDA	Multiple (x)	EV
India Branded Business*	19,891	51	10,16,428
Coffee India (ex-Starbucks)	1,265	13	17,017
Coffee Overseas	4,211	16	69,278
Overseas tea (Tetley UK)	2,374	16	39,050
Capital Foods (75% holding)	1,526	45	69,338
Organic India	577	35	20,440
DCF			
Starbucks JV			86,462
Enterprise value			13,18,014
Less: Net debt			(20,084)
Market value (INRm)			13,38,097
No. of shares (m)			991
Target price (INR)			1,350

Source: Company, MOFSL

Exhibit 4: Funding Details

Particulars		Amount
Total Purchase Consideration	INRm	70,000
Capital Foods	INRm	51,000
Organic India	INRm	19,000
Funding Required as on date		
Capital Foods (75% stake)	INRm	38,250
Organic India (100% stake)	INRm	19,000
Total	INRm	57,250
Cash available as on FY23	INRm	35,517
Excess Funding required	INRm	21,733
Assuming Fund raise	INRm	35,000

Source: Company, MOFSL

Exhibit 5: Assumptions for debt funding

	0	
Assumptions		Amount
Debt Raised	INRm	35,000
Interest @ 7.5%	INRm	2,625
Tax rate	%	25.2%
After tax Interest	INR	1,964

Exhibit 6: Assumptions for funding through Rights Issues

Assumptions		Amount
Rights Issued	INRm	35,000
Price used as on 17/01/24	INR	1,138
Discount for Rights price	%	20%
New Shares Issued	million	38.44

Source: MOFSL Source: MOFSL

Exhibit 7: Incremental PAT and EPS workings

(In INR m)	Exi	sting Busin	ess	Capita	l Foods	Organi	India	•	ugh debt ed Business		Right issue
Particulars	FY24E	FY25E	FY26E	FY25E	FY26E	FY25E	FY26E	FY25E	FY26E	FY25E	FY26E
Purchase consideration				51	000	190	00	70	000	700	000
Revenue	1,52,583	1,66,165	1,81,386	8,844	10,171	4,178	4,805	1,79,187	1,96,362	1,79,187	1,96,362
YoY Growth (%)	10.7	8.9	9.2	-	-	15.0	15.0	7.8	8.3	7.8	8.3
Incremental Revenue (%)				5.3	5.6	2.5	2.6	7.8	8.3	7.8	8.3
EBITDA	21,674	25,674	27,741	1,769	2,034	418	577	27,861	30,352	27,861	30,352
EBITDA margin	14.2	15.5	15.3	20.0	20.0	10.0	12.0	15.5	15.5	15.5	15.5
Incremental EBITDA (%)				6.9	7.3	1.6	2.1	8.5	9.4	8.5	9.4
Depreciation	3,700	3,798	3,952	194	223	168	176	4,160	4,352	4,160	4,352
Interest	938	737	737	30	35	85	80	737	737	737	737
Other Income	2,746	3,020	3,322	95	100	110	120	1,922	2,114	1,922	2,114
PBT	19,781	24,159	26,374	1,639	1,876	275	441	24,886	27,378	24,886	27,378
Tax	5,267	6,523	7,121	413	472	69	111	7,005	7,704	6,719	7,392
Tax rate (%)	26.9	27.0	27.0	25.2	25.2	25.2	25.2	28.1	28.1	27.0	27.0
After Tax Interest @7.5%		-	-	-	-	-	-	1,964	1,964	-	-
Minority interest	791	-154	-643	-	-	-	-	152	-292	152	-292
Profit after tax	13,724	17,791	19,897	1,227	1,404	206	330	15,764	18,002	18,014	20,278
Incremental PAT (%)				6.9	7.1	1.2	1.7				
No. of equity shares – existing	953	953	953					953	953	953	953
Rights Issue								-	-	38.4	38.4
No. of shares post issue								-	-	991	991
EPS	14.4	18.7	20.9					16.5	18.9	18.2	20.5
EPS Accretion/Dilution								-11%	-10%	-3%	-2%

^{*}Of total consideration of INR51b for Capital Foods, currently only 75% of the stake is being purchased, balance within next three years Note for acquired business: Tax rate is considered as 25.17% (standard corporate tax rate); Interest rate is assumed to be \sim 7.5% on INR35b of purchase consideration

Source: Company, MOFSL

Exhibit 8: Increasing presence in kitchen shelf



Acquisition of Capital Foods

- Market leading brands; Ching's Secret synonymous with Desi-Chinese with Pan-India appeal
- ✓ Caters to fast growing "in-home" consumption of non-Indian cuisines
- ✓ Significant addition to the pantry platform with high gross margin categories (~50% gross margin)



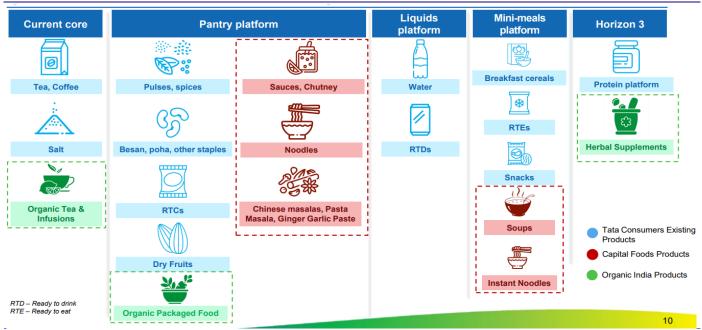
Acquisition of Organic India

- ✓ Leading "better for you" organic brands
- Opportunity to become a formidable player in herbal infusions, and herbal & traditional supplements
- ✓ Expands Total Addressable Market in fast-growing and high gross margin categories (55%+), and expand into other nutrition categories

Massive potential to drive synergies by leveraging Tata Consumer's distribution network, increasing scale along with scope to deliver significant operating efficiencies

Source: Company, MOFSL

Exhibit 9: New products to complement TATACONS' existing F&B portfolio



Source: Company, MOFSL

Exhibit 10: Product portfolio of acquired companies



Source: Company, MOFSL

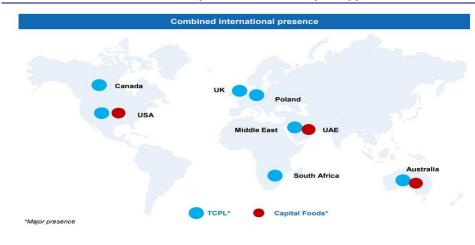
Exhibit 11: Capital Foods - Market leadership across categories

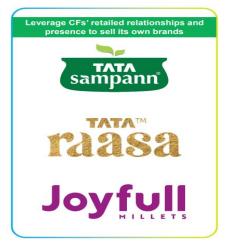
Market position



Source: Company, MOFSL

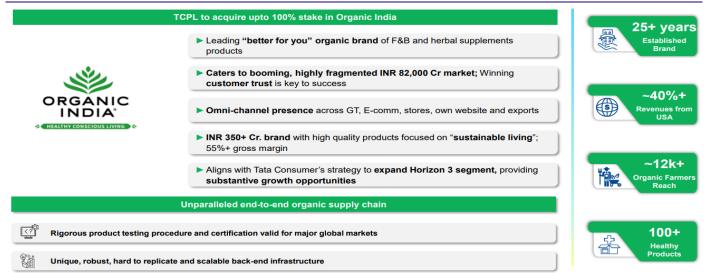
Exhibit 12: Combined international presence to boost export opportunities





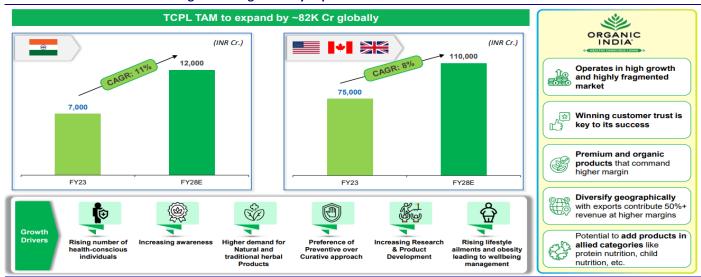
Source: Company, MOFSL

Exhibit 13: Organic India – a leading platform of 'better for you' organic products



Source: Company, MOFSL

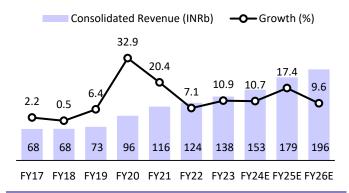
Exhibit 14: Additions of new categories to significantly expand TATACONS' TAM



Source: Company, MOFSL

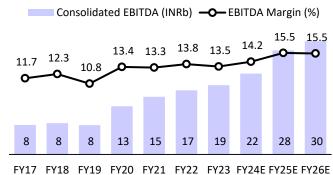
Story in chart

Exhibit 15: Consolidated revenue trajectory



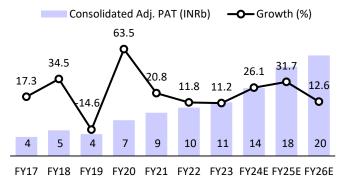
Source: Company, MOFSL

Exhibit 16: Consolidated EBITDA trend



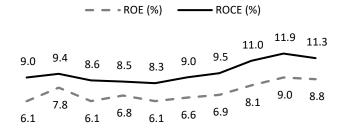
Source: Company, MOFSL

Exhibit 17: Consolidated Adj. PAT trend



Source: Company, MOFSL

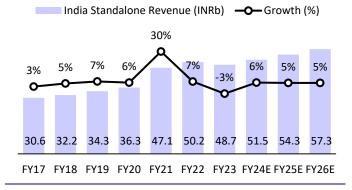
Exhibit 18: Healthy return ratios



FY17 FY18 FY19 FY20 FY21 FY22 FY23 FY24E FY25E FY26E

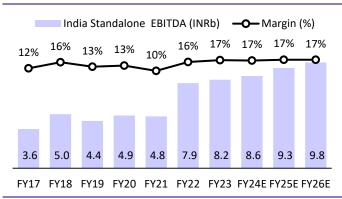
Source: Company, MOFSL

Exhibit 19: Standalone revenue trend



Source: Company, MOFSL

Exhibit 20: Standalone EBITDA trend



Source: Company, MOFSL

18 January 2024 8

Financials and valuations

Income Statement									(INRb)
Y/E March	2018	2019	2020	2021	2022	2023	2024E	2025E	2026 E
Net Sales	68.2	72.5	96.4	116.0	124.3	137.8	152.6	179.2	196.4
Change (%)	0.5	6.4	32.9	20.4	7.1	10.9	10.7	17.4	9.6
Gross Profit	31.2	32.4	42.3	47.0	53.4	57.8	65.1	77.7	84.5
Margin (%)	45.7	44.7	43.9	40.5	43.0	41.9	42.7	43.4	43.0
Other operating exp.	22.8	24.6	29.3	31.6	36.2	39.2	43.4	49.8	54.2
EBITDA	8.4	7.9	12.9	15.4	17.2	18.6	21.7	27.9	30.4
Margin (%)	12.3	10.8	13.4	13.3	13.8	13.5	14.2	15.5	15.5
Depreciation	1.2	1.2	2.4	2.5	2.8	3.0	3.7	4.2	4.4
Net Interest	0.4	0.5	0.8	0.7	0.7	0.9	0.9	0.7	0.7
Other income	0.9	1.6	1.1	1.2	1.4	1.7	2.7	1.9	2.1
PBT before EO	7.7	7.7	10.8	13.4	15.1	16.3	19.8	24.9	27.4
EO income/(exp.)	-0.2	-0.3	-2.7	-0.3	-0.5	1.6	-0.2	0.0	0.0
PBT after EO	7.5	7.3	8.1	13.1	14.6	17.9	19.6	24.9	27.4
Tax	1.9	2.6	2.7	3.2	3.8	4.5	5.3	6.7	7.4
Rate (%)	24.7	35.5	33.9	24.2	25.9	24.9	26.9	27.0	27.0
Minority and Associates	0.7	0.7	0.8	1.4	1.4	1.4	0.8	0.2	-0.3
Reported PAT	5.0	4.1	4.6	8.6	9.4	12.0	13.5	18.2	20.0
Adjusted PAT	5.2	4.4	7.2	8.7	9.7	10.8	13.7	18.0	20.3
Change (%)	34.5	-14.6	63.5	20.8	11.8	11.2	26.1	31.7	12.6
Balance Sheet									(INRb)
Y/E March	2018	2019	2020	2021	2022	2023	2024E	2025E	202 6E
Share Capital	0.6	0.6	0.9	0.9	0.9	0.9	1.0	1.0	1.0
Reserves	69.7	72.7	137.2	144.4	150.5	161.8	176.0	222.7	236.8
NI n.t. NA/ n.m.t.ln									
Net Worth	70.3	73.3	138.1	145.3	151.4	162.8	176.9	223.7	
Minority Interest	70.3 10.1	73.3 10.3	138.1 10.9	145.3 10.9	151.4 11.5	162.8 8.5	176.9 0.5	223.7 13.1	237.8
									237.8 13.4
Minority Interest	10.1	10.3	10.9	10.9	11.5	8.5	0.5	13.1	237.8 13.4 9.8
Minority Interest Loans	10.1 10.7	10.3 11.3	10.9 11.8	10.9 7.2	11.5 10.1	8.5 11.8	0.5 9.8	13.1 9.8	237.8 13.4 9.8 261.0 118.7
Minority Interest Loans Capital Employed	10.1 10.7 91.1	10.3 11.3 94.9	10.9 11.8 160.9	10.9 7.2 163.5	11.5 10.1 173.0	8.5 11.8 183.1	0.5 9.8 187.2	13.1 9.8 246.6	237.8 13.4 9.8 261.0
Minority Interest Loans Capital Employed Gross Block	10.1 10.7 91.1 25.4	10.3 11.3 94.9 27.7	10.9 11.8 160.9 59.1	10.9 7.2 163.5 61.8	11.5 10.1 173.0 66.7	8.5 11.8 183.1 71.7	0.5 9.8 187.2 75.7	13.1 9.8 246.6 114.7	237.8 13.4 9.8 261.0 118.7
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn.	10.1 10.7 91.1 25.4 15.2	10.3 11.3 94.9 27.7 16.4	10.9 11.8 160.9 59.1 18.8	10.9 7.2 163.5 61.8 21.4	11.5 10.1 173.0 66.7 24.2	8.5 11.8 183.1 71.7 27.2	0.5 9.8 187.2 75.7 30.9	13.1 9.8 246.6 114.7 35.1	237.8 13.4 9.8 261.0 118.7 39.4 79.2
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP	10.1 10.7 91.1 25.4 15.2 10.2	10.3 11.3 94.9 27.7 16.4 11.3	10.9 11.8 160.9 59.1 18.8 40.3	10.9 7.2 163.5 61.8 21.4 40.4	11.5 10.1 173.0 66.7 24.2 42.5	8.5 11.8 183.1 71.7 27.2 44.5	0.5 9.8 187.2 75.7 30.9 44.8	13.1 9.8 246.6 114.7 35.1 79.6	237.8 13.4 9.8 261.0 118.7 39.4
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets	10.1 10.7 91.1 25.4 15.2 10.2	10.3 11.3 94.9 27.7 16.4 11.3 4.2	10.9 11.8 160.9 59.1 18.8 40.3	10.9 7.2 163.5 61.8 21.4 40.4 1.1	11.5 10.1 173.0 66.7 24.2 42.5 4.6	8.5 11.8 183.1 71.7 27.2 44.5 5.1	0.5 9.8 187.2 75.7 30.9 44.8 5.1	13.1 9.8 246.6 114.7 35.1 79.6 5.1	237.8 13.4 9.8 261.0 118.7 39.4 79.2 5.1 115.3
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Goodwill & Intangibles	10.1 10.7 91.1 25.4 15.2 10.2 1.4 37.2	10.3 11.3 94.9 27.7 16.4 11.3 4.2 37.9	10.9 11.8 160.9 59.1 18.8 40.3 1.0 73.3	10.9 7.2 163.5 61.8 21.4 40.4 1.1 76.0	11.5 10.1 173.0 66.7 24.2 42.5 4.6 77.5	8.5 11.8 183.1 71.7 27.2 44.5 5.1 80.3	0.5 9.8 187.2 75.7 30.9 44.8 5.1 80.3	13.1 9.8 246.6 114.7 35.1 79.6 5.1 115.3	237.8 13.4 9.8 261.0 118.7 39.4 79.2 5.1
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Goodwill & Intangibles Investments	10.1 10.7 91.1 25.4 15.2 10.2 1.4 37.2 6.4	10.3 11.3 94.9 27.7 16.4 11.3 4.2 37.9 6.0 49.4	10.9 11.8 160.9 59.1 18.8 40.3 1.0 73.3 4.9 65.3	10.9 7.2 163.5 61.8 21.4 40.4 1.1 76.0 4.8 79.9	11.5 10.1 173.0 66.7 24.2 42.5 4.6 77.5 6.0 80.1	8.5 11.8 183.1 71.7 27.2 44.5 5.1 80.3 6.8	0.5 9.8 187.2 75.7 30.9 44.8 5.1 80.3 6.5	13.1 9.8 246.6 114.7 35.1 79.6 5.1 115.3 6.6	237.8 13.4 9.8 261.0 118.7 39.4 79.2 5.1 115.3 7.3 104.8
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Goodwill & Intangibles Investments Curr. Assets	10.1 10.7 91.1 25.4 15.2 10.2 1.4 37.2 6.4 49.3	10.3 11.3 94.9 27.7 16.4 11.3 4.2 37.9 6.0	10.9 11.8 160.9 59.1 18.8 40.3 1.0 73.3 4.9	10.9 7.2 163.5 61.8 21.4 40.4 1.1 76.0 4.8	11.5 10.1 173.0 66.7 24.2 42.5 4.6 77.5 6.0	8.5 11.8 183.1 71.7 27.2 44.5 5.1 80.3 6.8 91.0	0.5 9.8 187.2 75.7 30.9 44.8 5.1 80.3 6.5 94.7	13.1 9.8 246.6 114.7 35.1 79.6 5.1 115.3 6.6 88.1	237.8 13.4 9.8 261.0 118.7 39.4 79.2 5.1 115.3 7.3 104.8 38.7
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Goodwill & Intangibles Investments Curr. Assets Inventories	10.1 10.7 91.1 25.4 15.2 10.2 1.4 37.2 6.4 49.3	10.3 11.3 94.9 27.7 16.4 11.3 4.2 37.9 6.0 49.4 16.1	10.9 11.8 160.9 59.1 18.8 40.3 1.0 73.3 4.9 65.3 17.1	10.9 7.2 163.5 61.8 21.4 40.4 1.1 76.0 4.8 79.9 22.5	11.5 10.1 173.0 66.7 24.2 42.5 4.6 77.5 6.0 80.1 22.7	8.5 11.8 183.1 71.7 27.2 44.5 5.1 80.3 6.8 91.0 27.0	0.5 9.8 187.2 75.7 30.9 44.8 5.1 80.3 6.5 94.7 30.1	13.1 9.8 246.6 114.7 35.1 79.6 5.1 115.3 6.6 88.1 35.3	237.8 13.4 9.8 261.0 118.7 39.4 79.2 5.1 115.3 7.3 104.8 38.7 15.1
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Goodwill & Intangibles Investments Curr. Assets Inventories Account Receivables	10.1 10.7 91.1 25.4 15.2 10.2 1.4 37.2 6.4 49.3 14.5	10.3 11.3 94.9 27.7 16.4 11.3 4.2 37.9 6.0 49.4 16.1 6.8	10.9 11.8 160.9 59.1 18.8 40.3 1.0 73.3 4.9 65.3 17.1 9.2	10.9 7.2 163.5 61.8 21.4 40.4 1.1 76.0 4.8 79.9 22.5 7.6	11.5 10.1 173.0 66.7 24.2 42.5 4.6 77.5 6.0 80.1 22.7 8.4	8.5 11.8 183.1 71.7 27.2 44.5 5.1 80.3 6.8 91.0 27.0 8.0	0.5 9.8 187.2 75.7 30.9 44.8 5.1 80.3 6.5 94.7 30.1 11.7	13.1 9.8 246.6 114.7 35.1 79.6 5.1 115.3 6.6 88.1 35.3 13.7	237.8 13.4 9.8 261.0 118.7 39.4 79.2 5.1 115.3 7.3 104.8 38.7 15.1 29.9
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Goodwill & Intangibles Investments Curr. Assets Inventories Account Receivables Cash and Bank Balance	10.1 10.7 91.1 25.4 15.2 10.2 1.4 37.2 6.4 49.3 14.5 6.5	10.3 11.3 94.9 27.7 16.4 11.3 4.2 37.9 6.0 49.4 16.1 6.8 16.2	10.9 11.8 160.9 59.1 18.8 40.3 1.0 73.3 4.9 65.3 17.1 9.2 24.6	10.9 7.2 163.5 61.8 21.4 40.4 1.1 76.0 4.8 79.9 22.5 7.6 34.0	11.5 10.1 173.0 66.7 24.2 42.5 4.6 77.5 6.0 80.1 22.7 8.4 28.0	8.5 11.8 183.1 71.7 27.2 44.5 5.1 80.3 6.8 91.0 27.0 8.0 35.5	0.5 9.8 187.2 75.7 30.9 44.8 5.1 80.3 6.5 94.7 30.1 11.7 32.4	13.1 9.8 246.6 114.7 35.1 79.6 5.1 115.3 6.6 88.1 35.3 13.7 18.2	237.8 13.4 9.8 261.0 118.7 39.4 79.2 5.1 115.3 7.3
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Goodwill & Intangibles Investments Curr. Assets Inventories Account Receivables Cash and Bank Balance Others	10.1 10.7 91.1 25.4 15.2 10.2 1.4 37.2 6.4 49.3 14.5 6.5 18.1 10.3 13.5	10.3 11.3 94.9 27.7 16.4 11.3 4.2 37.9 6.0 49.4 16.1 6.8 16.2 10.3 12.9	10.9 11.8 160.9 59.1 18.8 40.3 1.0 73.3 4.9 65.3 17.1 9.2 24.6 14.4 20.8	10.9 7.2 163.5 61.8 21.4 40.4 1.1 76.0 4.8 79.9 22.5 7.6 34.0 15.8 33.2	11.5 10.1 173.0 66.7 24.2 42.5 4.6 77.5 6.0 80.1 22.7 8.4 28.0 21.1 30.2	8.5 11.8 183.1 71.7 27.2 44.5 5.1 80.3 6.8 91.0 27.0 8.0 35.5 20.5	0.5 9.8 187.2 75.7 30.9 44.8 5.1 80.3 6.5 94.7 30.1 11.7 32.4 20.5 35.9	13.1 9.8 246.6 114.7 35.1 79.6 5.1 115.3 6.6 88.1 35.3 13.7 18.2 20.8 39.9	237.8 13.4 9.8 261.0 118.7 39.4 79.2 5.1 115.3 7.3 104.8 38.7 15.1 29.9 21.1 42.5
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Goodwill & Intangibles Investments Curr. Assets Inventories Account Receivables Cash and Bank Balance Others Curr. Liability & Prov. Account Payables	10.1 10.7 91.1 25.4 15.2 10.2 1.4 37.2 6.4 49.3 14.5 6.5 18.1 10.3 13.5 7.1	10.3 11.3 94.9 27.7 16.4 11.3 4.2 37.9 6.0 49.4 16.1 6.8 16.2 10.3 12.9 6.6	10.9 11.8 160.9 59.1 18.8 40.3 1.0 73.3 4.9 65.3 17.1 9.2 24.6 14.4 20.8 9.4	10.9 7.2 163.5 61.8 21.4 40.4 1.1 76.0 4.8 79.9 22.5 7.6 34.0 15.8 33.2 16.3	11.5 10.1 173.0 66.7 24.2 42.5 4.6 77.5 6.0 80.1 22.7 8.4 28.0 21.1 30.2 19.2	8.5 11.8 183.1 71.7 27.2 44.5 5.1 80.3 6.8 91.0 27.0 8.0 35.5 20.5 36.4 23.5	0.5 9.8 187.2 75.7 30.9 44.8 5.1 80.3 6.5 94.7 30.1 11.7 32.4 20.5 35.9 23.0	13.1 9.8 246.6 114.7 35.1 79.6 5.1 115.3 6.6 88.1 35.3 13.7 18.2 20.8 39.9 27.0	237.8 13.4 9.8 261.0 118.7 39.4 79.2 5.1 115.3 7.3 104.8 38.7 15.1 29.9 21.1 42.5 29.6
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Goodwill & Intangibles Investments Curr. Assets Inventories Account Receivables Cash and Bank Balance Others Curr. Liability & Prov. Account Payables Other liabilities	10.1 10.7 91.1 25.4 15.2 10.2 1.4 37.2 6.4 49.3 14.5 6.5 18.1 10.3 13.5 7.1 3.6	10.3 11.3 94.9 27.7 16.4 11.3 4.2 37.9 6.0 49.4 16.1 6.8 16.2 10.3 12.9 6.6 4.2	10.9 11.8 160.9 59.1 18.8 40.3 1.0 73.3 4.9 65.3 17.1 9.2 24.6 14.4 20.8 9.4 8.6	10.9 7.2 163.5 61.8 21.4 40.4 1.1 76.0 4.8 79.9 22.5 7.6 34.0 15.8 33.2 16.3 14.0	11.5 10.1 173.0 66.7 24.2 42.5 4.6 77.5 6.0 80.1 22.7 8.4 28.0 21.1 30.2 19.2 8.6	8.5 11.8 183.1 71.7 27.2 44.5 5.1 80.3 6.8 91.0 27.0 8.0 35.5 20.5 36.4 23.5	0.5 9.8 187.2 75.7 30.9 44.8 5.1 80.3 6.5 94.7 30.1 11.7 32.4 20.5 35.9 23.0 10.5	13.1 9.8 246.6 114.7 35.1 79.6 5.1 115.3 6.6 88.1 35.3 13.7 18.2 20.8 39.9 27.0 10.5	237.8 13.4 9.8 261.0 118.7 39.4 79.2 5.1 115.3 7.3 104.8 38.7 15.1 29.9 21.1 42.5 29.6 10.5
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Goodwill & Intangibles Investments Curr. Assets Inventories Account Receivables Cash and Bank Balance Others Curr. Liability & Prov. Account Payables Other liabilities Provisions	10.1 10.7 91.1 25.4 15.2 10.2 1.4 37.2 6.4 49.3 14.5 6.5 18.1 10.3 13.5 7.1 3.6 2.9	10.3 11.3 94.9 27.7 16.4 11.3 4.2 37.9 6.0 49.4 16.1 6.8 16.2 10.3 12.9 6.6 4.2 2.0	10.9 11.8 160.9 59.1 18.8 40.3 1.0 73.3 4.9 65.3 17.1 9.2 24.6 14.4 20.8 9.4 8.6 2.8	10.9 7.2 163.5 61.8 21.4 40.4 1.1 76.0 4.8 79.9 22.5 7.6 34.0 15.8 33.2 16.3 14.0 2.9	11.5 10.1 173.0 66.7 24.2 42.5 4.6 77.5 6.0 80.1 22.7 8.4 28.0 21.1 30.2 19.2 8.6 2.5	8.5 11.8 183.1 71.7 27.2 44.5 5.1 80.3 6.8 91.0 27.0 8.0 35.5 20.5 36.4 23.5 10.5 2.4	0.5 9.8 187.2 75.7 30.9 44.8 5.1 80.3 6.5 94.7 30.1 11.7 32.4 20.5 35.9 23.0 10.5 2.4	13.1 9.8 246.6 114.7 35.1 79.6 5.1 115.3 6.6 88.1 35.3 13.7 18.2 20.8 39.9 27.0 10.5 2.4	237.8 13.4 9.8 261.0 118.7 39.4 79.2 5.1 115.3 7.3 104.8 38.7 15.1 29.9 21.1 42.5 29.6 10.5 2.4
Minority Interest Loans Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Goodwill & Intangibles Investments Curr. Assets Inventories Account Receivables Cash and Bank Balance Others Curr. Liability & Prov. Account Payables Other liabilities	10.1 10.7 91.1 25.4 15.2 10.2 1.4 37.2 6.4 49.3 14.5 6.5 18.1 10.3 13.5 7.1 3.6	10.3 11.3 94.9 27.7 16.4 11.3 4.2 37.9 6.0 49.4 16.1 6.8 16.2 10.3 12.9 6.6 4.2	10.9 11.8 160.9 59.1 18.8 40.3 1.0 73.3 4.9 65.3 17.1 9.2 24.6 14.4 20.8 9.4 8.6	10.9 7.2 163.5 61.8 21.4 40.4 1.1 76.0 4.8 79.9 22.5 7.6 34.0 15.8 33.2 16.3 14.0	11.5 10.1 173.0 66.7 24.2 42.5 4.6 77.5 6.0 80.1 22.7 8.4 28.0 21.1 30.2 19.2 8.6	8.5 11.8 183.1 71.7 27.2 44.5 5.1 80.3 6.8 91.0 27.0 8.0 35.5 20.5 36.4 23.5	0.5 9.8 187.2 75.7 30.9 44.8 5.1 80.3 6.5 94.7 30.1 11.7 32.4 20.5 35.9 23.0 10.5	13.1 9.8 246.6 114.7 35.1 79.6 5.1 115.3 6.6 88.1 35.3 13.7 18.2 20.8 39.9 27.0 10.5	237.8 13.4 9.8 261.0 118.7 39.4 79.2 5.1 115.3 7.3 104.8 38.7 15.1 29.9 21.1

Financials and valuations

Cash flow statement									(INRb)
Y/E March	2018	2019	2020	2021	2022	2023	2024E	2025E	2026E
EBITDA	8.4	7.9	12.9	15.4	17.2	18.6	21.7	27.9	30.4
Prov. & FX	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
WC	-1.4	-2.3	-0.6	3.1	2.0	0.3	-9.0	-3.8	-2.2
Others	-0.4	-0.8	1.4	1.2	-0.3	0.2	-0.2	12.8	0.0
Direct taxes (net)	-3.0	-2.6	-2.7	-3.2	-3.8	-4.5	-5.3	-6.7	-7.4
CF from Op. Activity	3.6	2.1	10.8	16.6	15.2	14.6	7.2	30.1	20.8
Capex	-3.6	-2.8	-1.6	-2.1	-2.7	-3.1	-4.0	-4.0	-4.0
FCFF	0.0	-0.7	9.2	14.5	12.4	11.5	3.2	26.1	16.8
Interest/dividend	0.5	0.5	0.6	0.7	0.9	1.2	2.7	1.9	2.1
Investments in subs/assoc.	-0.1	-0.4	-0.2	-2.2	-7.4	-2.0	0.0	-70.0	0.0
Others	10.2	3.4	-5.5	-0.5	-4.0	-4.4	0.0	0.0	0.0
CF from Inv. Activity	7.0	0.7	-6.7	-4.1	-13.2	-8.3	-1.3	-72.1	-1.9
Share capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Borrowings	2.2	0.4	0.3	-0.6	-4.9	0.0	-2.0	0.0	0.0
Finance cost	-0.3	-0.4	-0.7	-0.7	-0.6	-0.8	-0.9	-0.7	-0.7
Dividend	-2.1	-2.2	-2.2	-2.7	-4.0	-5.7	-6.2	-6.4	-6.4
Others	0.4	-2.5	6.9	0.9	1.6	7.8	0.0	35.0	0.0
CF from Fin. Activity	0.1	-4.7	4.3	-3.0	-7.9	1.2	-9.1	27.8	-7.2
(Inc)/Dec in Cash	10.7	-1.9	8.4	9.4	-6.0	7.5	-3.1	-14.2	11.7
Opening balance	7.4	18.1	16.2	24.6	34.0	28.0	35.5	32.4	18.2
Closing balance (as per B/S)	18.1	16.2	24.6	34.0	28.0	35.5	32.4	18.2	29.9
Ratios									
Y/E March	2018	2019	2020	2021	2022	2023	2024E	2025E	2026 E
Basic (INR)									
EPS	5.4	4.6	7.6	9.1	10.2	11.4	14.4	18.2	20.5
Cash EPS	6.9	6.1	10.5	12.2	13.6	14.9	18.2	24.1	26.7
BV/Share	76.3	79.6	149.9	157.7	164.3	175.2	185.7	242.7	258.0
DPS	2.4	2.5	2.7	4.1	6.1	6.1	6.5	6.5	6.5
Payout (%)	29.9	38.7	54.1	43.6	59.6	46.7	45.8	35.5	32.2
Dividend yield (%)	0.2	0.2	0.2	0.4	0.5	0.5	0.6	0.6	0.6
Valuation (x)									
P/E	209.9	245.6	150.3	124.4	111.2	100.0	79.3	62.6	55.6
Cash P/E	165.8	185.9	108.9	93.1	83.7	76.2	62.4	47.3	42.6
P/BV	14.9	14.3	7.6	7.2	6.9	6.5	6.1	4.7	4.4
EV/Sales	15.3	14.4	10.8	8.8	8.3	7.4	6.7	5.8	5.2
EV/EBITDA	124.1	132.8	80.2	66.2	60.0	55.2	47.4	37.3	33.9
Dividend Yield (%)	0.2	0.2	0.2	0.4	0.5	0.5	0.6	0.6	0.6
FCF per share	-0.1	-1.1	10.0	15.7	13.5	12.4	3.4	26.3	16.9
Return Ratios (%)									
RoE	7.8	6.1	6.8	6.1	6.6	6.9	8.1	9.0	8.8
RoCE	9.4	8.6	8.5	8.3	9.0	9.5	11.0	11.9	11.3
RoIC	11.7	9.8	11.5	11.1	10.7	11.3	12.5	14.1	13.0
Working Capital Ratios									
Fixed Asset Turnover (x)	6.7	6.4	2.4	2.9	2.9	3.1	3.4	2.3	2.5
Asset Turnover (x)	0.7	0.8	0.6	0.7	0.7	0.8	0.8	0.7	0.8
Debtor (Days)	35	34	35	24	25	21	28	28	28
Creditor (Days)	38	33	36	51	56	62	55	55	55
Inventory (Days)		81	65	71	67	72	72	72	72
Leverage Ratio (x)	/0	0.1	05	/1	07	12	12	12	12
Net Debt/Equity	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1	0.0	-0.1
iver Debt/ Equity	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1	0.0	-0.1

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 the appropriate measures to make the recommendation consistent with the investment rating legend.

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 (NCDL) 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, <a href="www.nseindia.com, <a href="www.nseindia.com"

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 not 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.

Motial 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") (Co. Reg. NO. 201129401Z) which is a holder of a capital markets services license and an exempt financial adviser in Singapore. As per the approved agreement under Paragraph 9 of Third Schedule of Securities and Futures Act (CAP 289) and Paragraph 11 of First Schedule of Financial Advisors Act (CAP 110) provided to MOCMSPL by Monetary Authority of Singapore. Persons in Singapore should contact MOCMSPL in respect of any matter arising from, or in connection with this report/publication/communication. This report is distributed solely to persons who qualify as "Institutional Investors", of which some of whom may consist of "accredited" institutional investors as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Accordingly, if a Singapore person is not or ceases to be such an institutional investor, such Singapore Person must immediately discontinue any use of this Report and inform MOCMSPL.

Specific Disclosures

- 1 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.
- 2 MOFSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company
- 3 MOFSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months
- 4 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
- 5 Research Analyst has not served as director/officer/employee in the subject company
- 6 MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- 7 MOFSL has not received compensation for investment banking/ merchant banking/brokerage services from the subject company in the past 12 months
- 8 MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- 9 MOFSL has not received any compensation or other benefits from third party in connection with the research report
- 10 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, 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 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

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.