



# **Varun Beverages**

**BSE SENSEX S&P CNX** 80,665 24,587

# VA

#### Stock Info

Bloomberg	VBL IN
Equity Shares (m)	1299
M.Cap.(INRb)/(USDb)	2115.3 / 25.3
52-Week Range (INR)	1674 / 785
1, 6, 12 Rel. Per (%)	-5/17/70
12M Avg Val (INR M)	2615
Free float (%)	37.3

### Financials Snapshot (INR b)

Tinancials shapshot (new s)					
Y/E MARCH	2024	2025	2026		
Sales	206.4	246.4	286.8		
EBITDA	48.3	55.5	65.9		
Adj. PAT	28.2	34.5	43.7		
EBITDA Margin (%)	23.4	22.5	23.0		
Cons. Adj. EPS (INR	21.7	26.6	33.6		
EPS Gr. (%)	37.2	22.4	26.7		
BV/Sh. (INR)	72.6	96.7	127.3		
Ratios					
Net D:E	0.5	0.2	-0.1		
RoE (%)	34.5	31.4	30.0		
RoCE (%)	23.5	24.6	28.2		
Payout (%)	11.5	9.4	8.9		
Valuations					
P/E (x)	75.0	61.3	48.4		
EV/EBITDA (x)	44.8	38.5	31.9		
Div. Yield (%)	0.2	0.2	0.2		
FCF Yield (%)	0.2	1.6	2.0		

### Shareholding pattern (%)

As On	Jun-24	Mar-24	Jun-23
Promoter	62.7	62.9	63.6
DII	4.6	4.2	3.2
FII	25.3	25.8	26.7
Others	7.5	7.2	6.5

FII Includes depository receipts

### Stock performance (one-year)



CMP: INR1,628 TP: INR1,900 (+17%)

**Buy** 

### **Hungry For More: Scaling up snack food business**

Varun Beverages (VBL) has inched closer to its goal of becoming a full-scale F&B player with the recent agreement with PepsiCo to manufacture, distribute, and sell snack food items in Zimbabwe and Zambia. We believe this agreement will serve as a building block for VBL's snack food business.

- This is an exclusive snacks franchising agreement with PepsiCo to manufacture, distribute, and sell snack foods under the brand name "Simba Munchiez" in Zimbabwe and Zambia. VBL will set up a 5,000mtpa manufacturing capacity in each location for aggregate capex of ~INR1.2b.
- The total addressable market (TAM) for VBL's snack food division has expanded by 67% with the addition of two new geographies (vs. only Morocco earlier). The snack food products market in these geographies is valued at ~USD833m (aggregate) in CY24. This region accounts for ~6.5% of Africa's snack market size of USD12.9b, which is expected to clock an ~8.1% CAGR over CY24-29E. PepsiCo, which holds the highest market share globally in this segment (as of CY23), will be a perfect partner for VBL to tap into this massive opportunity.
- Going ahead, we believe VBL and PepsiCo may expand their partnership in this segment, especially within the African continent, where PepsiCo does not have any manufacturing partner and primarily relies on imports.

### Accelerating activities in snack food segment

- In line with its strategy of becoming a full-scale F&B company, VBL has forayed into the snack food business by entering into a snacks manufacturing and distribution agreement with PepsiCo for Morocco in Feb'24 (VBL to invest INR1b for manufacturing facility; commercial production to commence in May'25).
- To further scale up and penetrate in this segment, VBL has entered into another agreement with PepsiCo for **Zimbabwe and Zambia**.
- Under this agreement, VBL, through subsidiaries Varun Foods Zimbabwe Pvt. Ltd and Varun Beverages Zambia Ltd, has entered into an exclusive snacks franchising agreement with Premier Nutrition Trading LLC, Dubai (a PepsiCo subsidiary), to manufacture, distribute, and sell snack foods under the brand of "Simba Munchiez" in Zimbabwe and Zambia.
- VBL will invest ~USD7m (INR600m) each in Zimbabwe and Zambia for setting up a manufacturing facility of ~5,000mtpa each.
- The manufacturing facilities in Zimbabwe/Zambia are expected to start commercial production by Oct'25/Apr'26.

### Leveraging the existing distribution network to scale new business

 VBL, through its subsidiaries, expects to leverage its distribution prowess in the African region (through existing beverage business) to introduce the new affordable range of snack food products of PepsiCo.

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

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

MOTILAL OSWAL

- Currently, VBL has manufacturing and distribution presence in Morocco,
   Zambia, Zimbabwe, Eswatini, Lesotho and South Africa, with only distribution rights in Namibia, Botswana, Mozambique and Madagascar.
- Apart from this, PepsiCo will also give a strong push in certain fast-moving SKUs of Simba Munchiez through price initiatives.
- Currently PepsiCo has multiple snack food brands in the African continent, e.g.,
   Lays, Fritos, Doritos, Simba, Sunchips, Funyuns, Cracker Jack and Sabritones.
- We believe that these are the building blocks of VBL's snack food business, and the company is consciously accelerating its activities in the segment in order to tap into the massive opportunity, which could potentially be a key growth driver for the company in the longer run.

### Set to tap into huge opportunity by partnering with market leader

- Globally, the snack food market is valued at USD251b in CY24 and is expected to reach USD341b by CY29 (at a CAGR of ~6.3%), supported by changing consumer lifestyles, increasing urbanization, and a growing preference for on-the-go food options. (Source: <u>Statista</u>)
- As per PepsiCo's latest annual report, the company generated ~59% of its revenue from the food business in CY23. As of CY23, PepsiCo held the top spot in the global snack food production (Source: Ibis World)
- The snack food market in Africa is valued at ~USD13b in CY24 and is expected to clock an ~8.1% CAGR over CY24-29E.
- While the snack food industry in Morocco/Zimbabwe/Zambia is estimated to grow to ~USD500m/USD177m/USD156m in CY24.
- Going ahead, we expect more such announcements from VBL, especially in the African continent, where VBL and PepsiCo will look forward to expand its presence.

### Valuation and view

- We expect VBL to maintain its earnings momentum, aided by: 1) increased penetration in newly acquired territories in Africa, 2) higher acceptance of newly launched products, 3) ramp-up of snack food segment, 4) continued expansion in capacity and distribution reach, 5) growing refrigeration in rural and semi-rural areas, and 6) a scale-up in international operations.
- We expect a CAGR of 21%/22%/29% in revenue/EBITDA/PAT over CY23-26. We value the stock at 60x Sep'26E EPS to arrive at a TP of INR1,900. We reiterate our BUY rating on the stock.

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

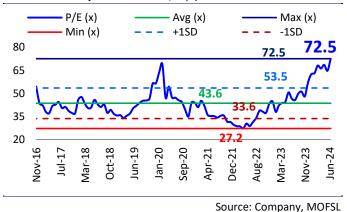
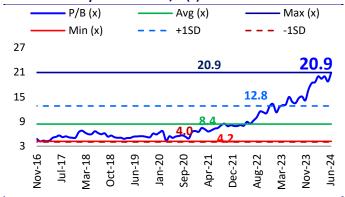


Exhibit 2: One-year forward P/B (x)



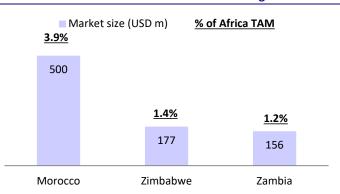
Source: Company, MOFSL

Exhibit 3: VBL investment in snack food business in different regions of Africa

1.0 Capex (INR b)

0.6 0.6

Exhibit 4: Snack food market size in different regions of Africa



Source: Company, MOFSL

Zambia

Source: Company, MOFSL

Exhibit 5: VBL to sell under the brand of Simba Munchiez

Zimbabwe

Morocco



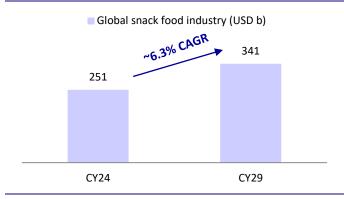


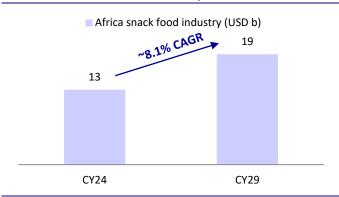
Source: Company, MOFSL

 $Motilal\ Oswal$ 

### **Exhibit 6: Global snack food industry**

### **Exhibit 7: Africa snack food industry**





Source: Statista, Company, MOFSL

Source: Statista, Company, MOFSL

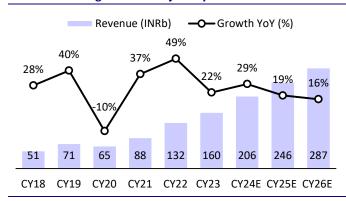
**Exhibit 8: VBL presence in Africa** 



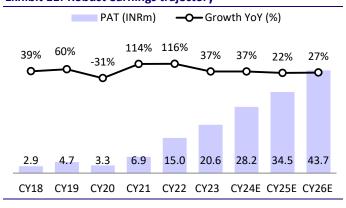
Source: Company, MOFSL

### **Story in Chart**

**Exhibit 9: Strong revenue trajectory** 



**Exhibit 11: Robust earnings trajectory** 



**Exhibit 13: Robust cash flows** 

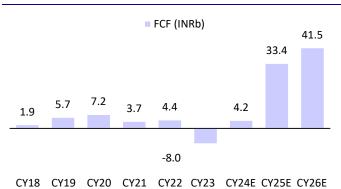
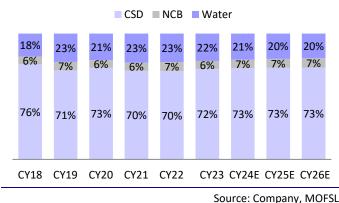
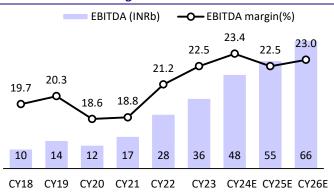


Exhibit 15: Volume mix trend (ex of BevCo)



**Exhibit 10: EBITDA margin trend** 



**Exhibit 12: Healthy return ratios** 

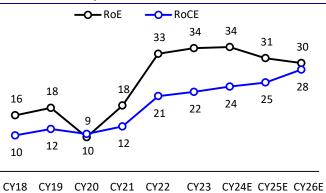
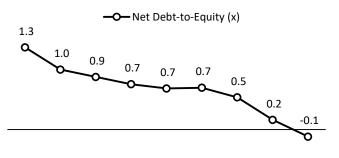
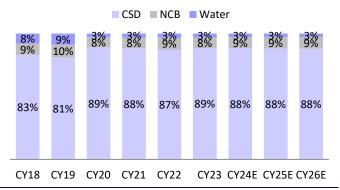


Exhibit 14: Aims to become net debt free by CY25



CY18 CY19 CY20 CY21 CY22 CY23 CY24E CY25E CY26E

Exhibit 16: Revenue mix trend (ex of BevCo)



Source: Company, MOFSL

## **Financials and valuations**

**Net Current Assets** 

**Appl. of Funds** 

Consolidated - Income Statement Y/E December	CY19	CY20	CY21	CY22	CY23	CY24E	CY25E	(INRm) CY26E
Total Income from Operations	71,296	64,501	88,232	1,31,731	1,60,426	2,06,437	2,46,436	2,86,768
Change (%)	39.7	-9.5	36.8	49.3	21.8	28.7	19.4	16.4
RM Cost	32,194	27,639	40,347	62,612	74,049	93,950	1,13,854	1,31,913
Employees Cost	8,108	8,897	10,077	12,166	14,466	17,226	21,686	24,949
Other Expenses	16,517	15,946	21,262	29,072	35,816	46,915	55,444	64,024
Total Expenditure	56,819	52,483	71,686	1,03,850	1,24,331	1,58,091	1,90,984	2,20,886
% of Sales	79.7	81.4	81.2	78.8	77.5	76.6	77.5	77.0
EBITDA	14,477	12,019	16,546	27,881	36,095	48,346	55,452	65,882
Margin (%)	20.3	18.6	18.8	21.2	22.5	23.4	22.5	23.0
Depreciation	4,886	5,287	5,313	6,172	6,809	8,758	9,824	10,374
EBIT	9,590	6,732	11,234	21,709	29,286	39,588	45,628	55,508
Int. and Finance Charges	3,096	2,811	1,847		2,681	3,837	2,397	837
Other Income	425	370	679	1,861 388	794	1,196	1,725	2,151
PBT bef. EO Exp.	<b>6,919</b> 0	<b>4,290</b> -665	<b>10,066</b>	<b>20,236</b> 0	<b>27,398</b> 0	<b>36,946</b> 0	<b>44,956</b> 0	<b>56,822</b>
PBT after EO Exp.	<b>6,919</b>	3,625	10,066	<b>20,236</b>	<b>27,398</b>	36,946	44,956	56,822
Total Tax		<b>3,023</b> 52						
	2,241		2,606	4,735	6,375	8,234	9,890	12,501
Tax Rate (%)	32.4	1.4	25.9	23.4	23.3	22.3	22.0	22.0
Share of profit from associates	44	0	0	- 0	-5 450	-2	0	0
Minority Interest	32	283	520	527	459	505	555	611
Reported PAT	4,690	3,290	6,941	14,974	20,559	28,206	34,511	43,710
Adjusted PAT	4,690	3,251	6,941	14,974	20,559	28,206	34,511	43,710
Change (%) Margin (%)	60.1	-30.7 5.0	113.5 7.9	115.8 11.4	37.3 12.8	37.2 13.7	22.4 14.0	26.7 15.2
Consolidated - Balance Sheet Y/E December	CY19	CY20	CY21	CY22	CY23	CY24E	CY25E	(INRm) CY26E
Equity Share Capital	2,887	2,887	4,330					
Total Reserves			4,330	6,496	6,496	6,496	6,496	
	30,397	32,353		6,496 44,528	6,496 62,869	6,496 87,827	6,496 1,19,090	6,496
Net Worth	30,397 <b>33,284</b>	32,353 <b>35,240</b>	36,469	44,528	62,869	87,827	1,19,090	6,496 1,58,902
	33,284	35,240	36,469 <b>40,799</b>	44,528 <b>51,024</b>	62,869 <b>69,365</b>	87,827 <b>94,323</b>	1,19,090 <b>1,25,586</b>	6,496 1,58,902 <b>1,65,398</b>
Net Worth Minority Interest Total Loans	<b>33,284</b> 307	<b>35,240</b> 648	36,469 <b>40,799</b> 1,168	44,528 <b>51,024</b> 1,131	62,869 <b>69,365</b> 1,482	87,827 <b>94,323</b> 1,986	1,19,090 <b>1,25,586</b> 2,542	6,496 1,58,902 <b>1,65,398</b> 3,152
Minority Interest	<b>33,284</b> 307 34,172	<b>35,240</b> 648 32,059	36,469 <b>40,799</b> 1,168 33,418	44,528 <b>51,024</b> 1,131 36,948	62,869 <b>69,365</b> 1,482 51,944	87,827 <b>94,323</b> 1,986 53,944	1,19,090 <b>1,25,586</b> 2,542 25,944	6,496 1,58,902 <b>1,65,398</b> 3,152 1,944
Minority Interest Total Loans Deferred Tax Liabilities	<b>33,284</b> 307 34,172 2,697	35,240 648 32,059 2,149	36,469 <b>40,799</b> 1,168 33,418 3,087	44,528 <b>51,024</b> 1,131 36,948 3,368	62,869 <b>69,365</b> 1,482 51,944 3,430	87,827 <b>94,323</b> 1,986 53,944 3,430	1,19,090 1,25,586 2,542 25,944 3,430	6,496 1,58,902 <b>1,65,398</b> 3,152 1,944 3,430
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed	33,284 307 34,172 2,697 70,459	35,240 648 32,059 2,149 70,096	36,469 <b>40,799</b> 1,168 33,418 3,087 <b>78,473</b>	44,528 <b>51,024</b> 1,131 36,948 3,368 <b>92,471</b>	62,869 <b>69,365</b> 1,482 51,944 3,430 <b>1,26,221</b>	87,827 <b>94,323</b> 1,986 53,944 3,430 <b>1,53,684</b>	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501	6,496 1,58,902 <b>1,65,398</b> 3,152 1,944 3,430 <b>1,73,925</b>
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block	33,284 307 34,172 2,697 70,459 87,203	35,240 648 32,059 2,149 70,096 90,086	36,469 <b>40,799</b> 1,168 33,418 3,087 <b>78,473</b> 94,420	44,528 <b>51,024</b> 1,131 36,948 3,368 <b>92,471</b> 1,06,807	62,869 <b>69,365</b> 1,482 51,944 3,430 <b>1,26,221</b> 1,28,385	87,827 <b>94,323</b> 1,986 53,944 3,430 <b>1,53,684</b> 1,73,625	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625	6,496 1,58,902 <b>1,65,398</b> 3,152 1,944 3,430 <b>1,73,925</b> 1,93,625
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed	33,284 307 34,172 2,697 70,459	35,240 648 32,059 2,149 70,096 90,086 26,242	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555	44,528 <b>51,024</b> 1,131 36,948 3,368 <b>92,471</b> 1,06,807 37,727	62,869 <b>69,365</b> 1,482 51,944 3,430 <b>1,26,221</b> 1,28,385 44,536	87,827 <b>94,323</b> 1,986 53,944 3,430 <b>1,53,684</b> 1,73,625 53,294	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118	6,496 1,58,902 <b>1,65,398</b> 3,152 1,944 3,430 <b>1,73,925</b> 1,93,625 73,493
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets	33,284 307 34,172 2,697 70,459 87,203 22,655 64,548	35,240 648 32,059 2,149 70,096 90,086 26,242 63,844	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555 62,865	44,528 51,024 1,131 36,948 3,368 92,471 1,06,807 37,727 69,080	62,869 <b>69,365</b> 1,482 51,944 3,430 <b>1,26,221</b> 1,28,385 44,536 <b>83,849</b>	87,827 <b>94,323</b> 1,986 53,944 3,430 <b>1,53,684</b> 1,73,625 53,294 <b>1,20,331</b>	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118 1,20,507	6,496 1,58,902 1,65,398 3,152 1,944 3,430 1,73,925 1,93,625 73,493 1,20,132
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Goodwill on Consolidation	33,284 307 34,172 2,697 70,459 87,203 22,655 64,548 242	35,240 648 32,059 2,149 70,096 90,086 26,242 63,844 242	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555 62,865 242	44,528 51,024 1,131 36,948 3,368 92,471 1,06,807 37,727 69,080 242	62,869 <b>69,365</b> 1,482 51,944 3,430 <b>1,26,221</b> 1,28,385 44,536 <b>83,849</b> 242	87,827 94,323 1,986 53,944 3,430 1,53,684 1,73,625 53,294 1,20,331 4,202	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118 1,20,507 4,202	6,496 1,58,902 1,65,398 3,152 1,944 3,430 1,73,925 1,93,625 73,493 1,20,132 4,202
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Goodwill on Consolidation Capital WIP	33,284 307 34,172 2,697 70,459 87,203 22,655 64,548	35,240 648 32,059 2,149 70,096 90,086 26,242 63,844 242 668	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555 62,865	44,528 51,024 1,131 36,948 3,368 92,471 1,06,807 37,727 69,080 242 6,066	62,869 <b>69,365</b> 1,482 51,944 3,430 <b>1,26,221</b> 1,28,385 44,536 <b>83,849</b> 242 19,222	87,827 94,323 1,986 53,944 3,430 1,53,684 1,73,625 53,294 1,20,331 4,202 8,222	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118 1,20,507 4,202 8,222	6,496 1,58,902 1,65,398 3,152 1,944 3,430 1,73,925 1,93,625 73,493 1,20,132 4,202 7,222
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Goodwill on Consolidation	33,284 307 34,172 2,697 70,459 87,203 22,655 64,548 242 638	35,240 648 32,059 2,149 70,096 90,086 26,242 63,844 242	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555 62,865 242 4,966	44,528 51,024 1,131 36,948 3,368 92,471 1,06,807 37,727 69,080 242	62,869 <b>69,365</b> 1,482 51,944 3,430 <b>1,26,221</b> 1,28,385 44,536 <b>83,849</b> 242	87,827 94,323 1,986 53,944 3,430 1,53,684 1,73,625 53,294 1,20,331 4,202 8,222 211	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118 1,20,507 4,202	6,496 1,58,902 1,65,398 3,152 1,944 3,430 1,73,925 1,93,625 73,493 1,20,132 4,202
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Goodwill on Consolidation Capital WIP Total Investments Current Investments	33,284 307 34,172 2,697 70,459 87,203 22,655 64,548 242 638 0	35,240 648 32,059 2,149 70,096 90,086 26,242 63,844 242 668 0	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555 62,865 242 4,966 0	44,528 51,024 1,131 36,948 3,368 92,471 1,06,807 37,727 69,080 242 6,066 0	62,869 69,365 1,482 51,944 3,430 1,26,221 1,28,385 44,536 83,849 242 19,222 211 211	87,827 94,323 1,986 53,944 3,430 1,53,684 1,73,625 53,294 1,20,331 4,202 8,222 211 211	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118 1,20,507 4,202 8,222 211 211	6,496 1,58,902 1,65,398 3,152 1,944 3,430 1,73,925 1,93,625 73,493 1,20,132 4,202 7,222 211 211
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Goodwill on Consolidation Capital WIP Total Investments Current Investments Curr. Assets, Loans&Adv.	33,284 307 34,172 2,697 70,459 87,203 22,655 64,548 242 638 0 0 18,327	35,240 648 32,059 2,149 70,096 90,086 26,242 63,844 242 668 0	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555 62,865 242 4,966 0 0	44,528 51,024 1,131 36,948 3,368 92,471 1,06,807 37,727 69,080 242 6,066 0 0 40,794	62,869 69,365 1,482 51,944 3,430 1,26,221 1,28,385 44,536 83,849 242 19,222 211 211 48,347	87,827 94,323 1,986 53,944 3,430 1,53,684 1,73,625 53,294 1,20,331 4,202 8,222 211 211 55,987	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118 1,20,507 4,202 8,222 211 211 66,619	6,496 1,58,902 1,65,398 3,152 1,944 3,430 1,73,925 1,93,625 73,493 1,20,132 4,202 7,222 211 211 91,240
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Goodwill on Consolidation Capital WIP Total Investments Current Investments Curr. Assets, Loans&Adv. Inventory	33,284 307 34,172 2,697 70,459 87,203 22,655 64,548 242 638 0 0 18,327 8,815	35,240 648 32,059 2,149 70,096 90,086 26,242 63,844 242 668 0 0 19,719 9,288	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555 62,865 242 4,966 0 0 27,721 14,481	44,528 51,024 1,131 36,948 3,368 92,471 1,06,807 37,727 69,080 242 6,066 0 0 40,794 19,939	62,869 69,365 1,482 51,944 3,430 1,26,221 1,28,385 44,536 83,849 242 19,222 211 211 48,347 21,505	87,827 94,323 1,986 53,944 3,430 1,53,684 1,73,625 53,294 1,20,331 4,202 8,222 211 211 55,987 27,345	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118 1,20,507 4,202 8,222 211 211 66,619 33,034	6,496 1,58,902 1,65,398 3,152 1,944 3,430 1,73,925 1,93,625 73,493 1,20,132 4,202 7,222 211 211 91,240 38,206
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Goodwill on Consolidation Capital WIP Total Investments Current Investments Curr. Assets, Loans&Adv. Inventory Account Receivables	33,284 307 34,172 2,697 70,459 87,203 22,655 64,548 242 638 0 0 18,327 8,815 1,726	35,240 648 32,059 2,149 70,096 90,086 26,242 63,844 242 668 0 0 19,719 9,288 2,418	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555 62,865 242 4,966 0 0 27,721 14,481 2,212	44,528 51,024 1,131 36,948 3,368 92,471 1,06,807 37,727 69,080 242 6,066 0 40,794 19,939 2,993	62,869 69,365 1,482 51,944 3,430 1,26,221 1,28,385 44,536 83,849 242 19,222 211 211 48,347 21,505 3,594	87,827 94,323 1,986 53,944 3,430 1,53,684 1,73,625 53,294 1,20,331 4,202 8,222 211 211 55,987 27,345 4,625	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118 1,20,507 4,202 8,222 211 211 66,619 33,034 5,521	6,496 1,58,902 1,65,398 3,152 1,944 3,430 1,73,925 1,93,625 73,493 1,20,132 4,202 7,222 211 211 91,240 38,206 6,424
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Goodwill on Consolidation Capital WIP Total Investments Current Investments Curr. Assets, Loans&Adv. Inventory	33,284 307 34,172 2,697 70,459 87,203 22,655 64,548 242 638 0 18,327 8,815 1,726 1,711	35,240 648 32,059 2,149 70,096 90,086 26,242 63,844 242 668 0 0 19,719 9,288 2,418 1,901	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555 62,865 242 4,966 0 27,721 14,481 2,212 3,366	44,528 51,024 1,131 36,948 3,368 92,471 1,06,807 37,727 69,080 242 6,066 0 40,794 19,939 2,993 2,853	62,869 69,365 1,482 51,944 3,430 1,26,221 1,28,385 44,536 83,849 242 19,222 211 211 48,347 21,505 3,594 4,599	87,827 94,323 1,986 53,944 3,430 1,53,684 1,73,625 53,294 1,20,331 4,202 8,222 211 211 55,987 27,345 4,625 4,407	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118 1,20,507 4,202 8,222 211 211 66,619 33,034 5,521 5,884	6,496 1,58,902 1,65,398 3,152 1,944 3,430 1,73,925 1,93,625 73,493 1,20,132 4,202 7,222 211 211 91,240 38,206 6,424 20,800
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Goodwill on Consolidation Capital WIP Total Investments Current Investments Current Investments Currentory Account Receivables Cash and Bank Balance Loans and Advances	33,284 307 34,172 2,697 70,459 87,203 22,655 64,548 242 638 0 0 18,327 8,815 1,726 1,711 6,076	35,240 648 32,059 2,149 70,096 90,086 26,242 63,844 242 668 0 0 19,719 9,288 2,418 1,901 6,113	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555 62,865 242 4,966 0 27,721 14,481 2,212 3,366 7,661	44,528 51,024 1,131 36,948 3,368 92,471 1,06,807 37,727 69,080 242 6,066 0 40,794 19,939 2,993 2,853 15,009	62,869 69,365 1,482 51,944 3,430 1,26,221 1,28,385 44,536 83,849 242 19,222 211 211 48,347 21,505 3,594 4,599 18,649	87,827 94,323 1,986 53,944 3,430 1,53,684 1,73,625 53,294 1,20,331 4,202 8,222 211 211 55,987 27,345 4,625 4,407 19,612	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118 1,20,507 4,202 8,222 211 211 66,619 33,034 5,521 5,884 22,179	6,496 1,58,902 1,65,398 3,152 1,944 3,430 1,73,925 1,93,625 73,493 1,20,132 4,202 7,222 211 211 91,240 38,206 6,424 20,800 25,809
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Goodwill on Consolidation Capital WIP Total Investments Current Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances Curr. Liability & Prov.	33,284 307 34,172 2,697 70,459 87,203 22,655 64,548 242 638 0 0 18,327 8,815 1,726 1,711 6,076 13,297	35,240 648 32,059 2,149 70,096 90,086 26,242 63,844 242 668 0 0 19,719 9,288 2,418 1,901 6,113 14,378	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555 62,865 242 4,966 0 27,721 14,481 2,212 3,366 7,661 17,322	44,528 51,024 1,131 36,948 3,368 92,471 1,06,807 37,727 69,080 242 6,066 0 40,794 19,939 2,993 2,853 15,009 23,711	62,869 69,365 1,482 51,944 3,430 1,26,221 1,28,385 44,536 83,849 242 19,222 211 211 48,347 21,505 3,594 4,599 18,649 25,651	87,827 94,323 1,986 53,944 3,430 1,53,684 1,73,625 53,294 1,20,331 4,202 8,222 211 211 55,987 27,345 4,625 4,407 19,612 35,270	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118 1,20,507 4,202 8,222 211 211 66,619 33,034 5,521 5,884 22,179 42,259	6,496 1,58,902 1,65,398 3,152 1,944 3,430 1,73,925 1,93,625 73,493 1,20,132 4,202 7,222 211 91,240 38,206 6,424 20,800 25,809 49,083
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Goodwill on Consolidation Capital WIP Total Investments Current Investments Current Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances Curr. Liability & Prov. Account Payables	33,284 307 34,172 2,697 70,459 87,203 22,655 64,548 242 638 0 0 18,327 8,815 1,726 1,711 6,076 13,297 4,777	35,240 648 32,059 2,149 70,096 90,086 26,242 63,844 242 668 0 0 19,719 9,288 2,418 1,901 6,113 14,378 5,114	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555 62,865 242 4,966 0 27,721 14,481 2,212 3,366 7,661 17,322 7,118	44,528 51,024 1,131 36,948 3,368 92,471 1,06,807 37,727 69,080 242 6,066 0 40,794 19,939 2,993 2,853 15,009 23,711 8,243	62,869 69,365 1,482 51,944 3,430 1,26,221 1,28,385 44,536 83,849 242 19,222 211 211 48,347 21,505 3,594 4,599 18,649 25,651 7,582	87,827 94,323 1,986 53,944 3,430 1,53,684 1,73,625 53,294 1,20,331 4,202 8,222 211 211 55,987 27,345 4,625 4,407 19,612 35,270 10,828	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118 1,20,507 4,202 8,222 211 211 66,619 33,034 5,521 5,884 22,179 42,259 13,081	6,496 1,58,902 1,65,398 3,152 1,944 3,430 1,73,925 1,93,625 73,493 1,20,132 4,202 7,222 211 211 91,240 38,206 6,424 20,800 25,809 49,083 15,129
Minority Interest Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Goodwill on Consolidation Capital WIP Total Investments Current Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances Curr. Liability & Prov.	33,284 307 34,172 2,697 70,459 87,203 22,655 64,548 242 638 0 0 18,327 8,815 1,726 1,711 6,076 13,297	35,240 648 32,059 2,149 70,096 90,086 26,242 63,844 242 668 0 0 19,719 9,288 2,418 1,901 6,113 14,378	36,469 40,799 1,168 33,418 3,087 78,473 94,420 31,555 62,865 242 4,966 0 27,721 14,481 2,212 3,366 7,661 17,322	44,528 51,024 1,131 36,948 3,368 92,471 1,06,807 37,727 69,080 242 6,066 0 40,794 19,939 2,993 2,853 15,009 23,711	62,869 69,365 1,482 51,944 3,430 1,26,221 1,28,385 44,536 83,849 242 19,222 211 211 48,347 21,505 3,594 4,599 18,649 25,651	87,827 94,323 1,986 53,944 3,430 1,53,684 1,73,625 53,294 1,20,331 4,202 8,222 211 211 55,987 27,345 4,625 4,407 19,612 35,270	1,19,090 1,25,586 2,542 25,944 3,430 1,57,501 1,83,625 63,118 1,20,507 4,202 8,222 211 211 66,619 33,034 5,521 5,884 22,179 42,259	6,496 1,58,902 1,65,398 3,152 1,944 3,430 1,73,925 1,93,625 73,493 1,20,132 4,202 7,222 211 91,240 38,206 6,424 20,800 25,809 49,083

15 July 2024 6

5,342

70,096

10,399

78,473

17,083

92,471

22,696

1,26,221 1,53,684

20,717

24,359

1,57,501

42,157

1,73,925

5,031

70,459

## **Financials and valuations**

Ratios								
Y/E December	CY19	CY20	CY21	CY22	CY23	CY24E	CY25E	CY26E
Basic (INR)	0.20	0.20		<u> </u>	0.20	0.2.2		
EPS	3.6	2.5	5.3	11.5	15.8	21.7	26.6	33.6
Cash EPS	7.4	6.6	9.4	16.3	21.1	28.5	34.1	41.6
BV/Share	25.6	27.1	31.4	39.3	53.4	72.6	96.7	127.3
DPS	0.5	0.6	0.8	1.7	2.5	2.5	2.5	3.0
Payout (%)	16.7	21.9	15.6	15.2	15.8	11.5	9.4	8.9
Valuation (x)	20.7		13.0	13.2	13.0	11.5	3	0.5
P/E	451.0	650.6	304.7	141.2	102.9	75.0	61.3	48.4
Cash P/E	220.9	247.7	172.6	100.0	77.3	57.2	47.7	39.1
P/BV	63.5	60.0	51.8	41.4	30.5	22.4	16.8	12.8
EV/Sales	30.1	33.3	24.3	16.3	13.5	10.5	8.7	7.3
EV/EBITDA	148.4	178.5	129.7	77.1	59.9	44.8	38.5	31.9
Dividend Yield (%)	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2
FCF per share	4.4	5.5	2.8	3.4	-6.2	3.2	25.7	31.9
Return Ratios (%)	4.4	3.3	2.0	3.4	-0.2	3.2	23.7	31.5
RoE	17.6	9.5	18.3	32.6	34.2	34.5	31.4	30.0
RoCE	11.8	10.4	12.5	20.9	22.1	23.5	24.6	28.2
RoIC	11.5	9.8	12.1	21.6	24.2	25.3	25.1	30.0
Working Capital Ratios	11.5	9.6	12.1	21.0	24.2	25.5	25.1	30.0
	0.8	0.7	0.9	1.2	1.2	1.2	1.3	1 5
Fixed Asset Turnover (x)	1.0	0.7	1.1		1.2	1.3		1.5
Asset Turnover (x)	45	53	60	1.4 55	49	48	1.6	1.6
Inventory (Days)	9	14	9		8	8	49 8	49
Debtor (Days)	24	29	29	23	17	19	 19	8 19
Creditor (Days) Leverage Ratio (x)	24	29	29	23	1/	19	19	19
Current Ratio	1.4	1.4	1.6	1.7	1.9	1.6	1.6	1.9
Interest Cover Ratio	3.1	2.4	6.1	11.7				66.3
	1.0	0.9	0.7	0.7	10.9	10.3 0.5	19.0 0.2	
Net Debt/Equity	1.0	0.9	0.7	0.7	0.7	0.5	0.2	-0.1
Cash Flow statement								(INR m)
Y/E December	CY19	CY20	CY21	CY22	CY23	CY24E	CY25E	CY26E
OP/(Loss) before Tax	6,919	3,625	10,066	20,236	27,398	36,946	44,956	56,822
Depreciation	4,826	5,287	5,313	6,172	6,809	8,758	9,824	10,374
Interest & Finance Charges	2,948	2,441	1,168	1,473	2,681	2,641	672	-1,314
Direct Taxes Paid	-1,201	-52	-2,606	-4,735	-6,679	-8,234	-9,890	-12,501
(Inc)/Dec in WC	-1,201	-1,181	-1,627	-5,246	-6,735	1,787	-2,164	-2,882
CF from Operations	12,665	10,120	12,314	17,900	23,474	41,899	43,397	50,499
Others	411	0	0	0	434	505	43,397	0
CF from Operating incl EO								
(Inc)/Dec in FA	13,076	10,120	12,314	17,900	23,908	42,404	43,397	<b>50,499</b> -9,000
	-7,331	-2,913	-8,632	-13,487	-31,939	-38,200	-10,000	
Free Cash Flow (Pur)/Sale of Investments	<b>5,745</b>	7,207	3,682	4,414	<b>-8,031</b> -216	4,204	<b>33,397</b> 0	41,499
		1 700	1 474	2 550		1 106		2 151
Others	-15,862	-1,798	-1,474	-3,559	-744	1,196	1,725	2,151
CF from Investments	-23,192	-4,711	-10,106	-17,046	-32,899	-37,004	-8,275	-6,849
Issue of Shares	9,002	0	0	2 520	44	0	0	0
Inc/(Dec) in Debt	6,487	-2,113	1,359	3,530	15,064	2,000	-28,000	-24,000
Interest Paid	-3,011	-2,811	-1,847	-1,861	-2,694	-3,837	-2,397	-837
Dividend Paid	-690	-722	-1,083	-2,274	-2,273	-3,248	-3,248	-3,898
Others	-895	427	829	-763	596	-506	0	0
CF from Fin. Activity	10,893	-5,219	-742	-1,368	10,737	-5,591	-33,645	-28,734
Inc/Dec of Cash	776	190	1,466	-514	1,746	-192	1,478	14,916
Opening Balance	935	1,711	1,901	3,367	2,853	4,599	4,407	5,884
Closing Balance	1,711	1,901	3,367	2,853	4,599	4,407	5,884	20,800

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

### NOTES

9

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

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

#### Disclosures

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

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at <a href="http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf">http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf</a> 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 axy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

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

### Regional Disclosures (outside India)

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

#### For Hong Kong:

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

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

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

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

### The associates of MOFSL may have:

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

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

- received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.
- Served subject company as its clients during twelve months preceding the date of distribution of the research report.
- The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

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

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

#### Terms & Conditions:

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

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

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

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

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