

Divi's Laboratories

Estimate change

TP change

Rating change



Bloomberg	DIVI IN
Equity Shares (m)	265
M.Cap.(INRb)/(USDb)	990.6 / 11.9
52-Week Range (INR)	3949 / 2730
1, 6, 12 Rel. Per (%)	2/25/-10
12M Avg Val (INR M)	1929

Financials & Valuations (INR b)

Y/E MARCH	FY23	FY24E	FY25E
Sales	77.7	79.9	93.0
EBITDA	23.7	23.3	29.4
Adj. PAT	17.2	17.6	23.0
EBIT Margin (%)	26.1	24.8	27.9
Cons. Adj. EPS (INR)	64.9	66.2	86.5
EPS Gr. (%)	-41.2	2.0	30.7
BV/Sh. (INR)	481.0	526.7	586.4
Ratios			
Net D:E	-0.3	-0.3	-0.3
RoE (%)	14.1	13.1	15.5
RoCE (%)	14.1	13.1	15.5
Payout (%)	29.8	31.0	31.0
Valuations			
P/E (x)	57.5	56.3	43.1
EV/EBITDA (x)	40.0	40.4	32.0
Div. Yield (%)	0.5	0.5	0.6
FCF Yield (%)	1.7	0.8	0.5
EV/Sales (x)	12.2	11.8	10.1

Shareholding pattern (%)

As On	Jun-23	Mar-23	Jun-22			
Promoter	51.9	51.9	51.9			
DII	21.2	21.1	20.0			
FII	14.7	14.7	16.5			
Others 12.1 12.3 11.6						
FII Includes depository receipts						

CMP: INR3,730 TP: INR3,430 (-8%) Neutral

Margin recovers; sales yet to pick up

Work-in-progress for greenfield project at Kakinada

- The operational performance of Divi's Laboratories (DIVI) missed our estimates marginally in 1QFY24, due to lower sales in generics and custom synthesis. However, EBITDA margin expanded sequentially owing to lower raw material/logistics costs.
- We reduce our earnings estimates for FY24/FY25 by 3%/5% to account for a gradual off-take in custom synthesis/nutraceutical sales in the near term and extended benefits of cost management activities. We value DIVI at 35x 12M forward earnings to arrive at a TP of INR3,430.
- DIVI continued to add capacity for product development/manufacturing and strengthen its capability in the contrast media space as one of the key levers of growth over the next 3-5 years. Further, being a leader in the core generic portfolio with the lowest cost, DIVI is in a good stead to see better growth than the market in respective molecules. However, we maintain our Neutral rating as we believe the valuation adequately factors in the earnings upside over the next two years. It is trading at 15%/48% premium to its 5-year/10-year average PE multiple.

Product mix/lower RM cost drives profitability QoQ

- Revenue declined 21% YoY to INR17.8b (est. INR19.8b).
- Gross margin contracted by 270bp YoY to 61.3% due to a change in the product mix.
- EBITDA margin contracted at a higher rate by 920bp YoY to 28.3% (est. 26.4%) largely due to lower GM and higher employee costs/other expenses (+390bps/260bp as a % of sales).
- As a result, EBITDA was down 41% YoY at INR5b (est. INR5.2b).
- The tax rate was 27.5% in 1QFY24 vs. 17.5%/31.2% in 1QFY23/4QFY23.
- Adjusted for INR30m in forex gains, PAT was down 46% YoY at INR3.6b (est. INR3.9b).

Highlights from the management commentary

- The generics:CS sales ratio was 60:40 for 1QFY24. Nutraceutical sales stood at INR1.8b.
- DIVI continues to work on contrast media API registrations in various geographies. The validations by customers are also underway. DIVI intends to capture the gadolinium-based contrast media opportunity FY25 onward.
- Manufacturing capacity for Unit III would comprise key starting material, nutraceutical APIs, advanced intermediates and certain complex products.
- A decline in logistics cost aided profitability to some extent.

Tushar Manudhane - Research Analyst (Tushar.Manudhane@MotilalOswal.com)

Research Analyst: Sumit Gupta (Sumit.G@MotilalOswal.com) | Akash Manish Dobhada (Akash.Dobhada@MotilalOswal.com)

Y/E March FY23 FY24F FY24F FY24F

(INR m)

Y/E March		FY	23			FY2	4E		FY23	FY24E	FY24E	Var.
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE	(%)
Net Sales	22,545	18,545	17,077	19,508	17,780	19,342	20,223	22,541	77,675	79,887	19,838	-10.4
YoY Change (%)	15.0	-6.7	-31.5	-22.5	-21.1	4.3	18.4	15.6	-13.3	2.8	-12.0	
Total Expenditure	14,078	12,335	12,994	14,590	12,740	13,694	14,278	15,848	53,997	56,560	14,601	
EBITDA	8,467	6,210	4,083	4,918	5,040	5,648	5,946	6,693	23,678	23,327	5,237	-3.8
YoY Change (%)	-0.6	-24.7	-62.9	-55.5	-40.5	-9.1	45.6	36.1	-39.0	-1.5	-38.1	
Margins (%)	37.6	33.5	23.9	25.2	28.3	29.2	29.4	29.7	30.5	29.2	26.4	
Depreciation	837	857	868	870	930	878	880	809	3,432	3,497	872	
EBIT	7,630	5,353	3,215	4,048	4,110	4,770	5,066	5,884	20,246	19,830	4,365	-5.8
YoY Change (%)	-2.0	-28.4	-68.5	-60.4	-46.1	-10.9	57.6	45.4	-43.3	-2.1	-42.8	
Interest	0	0	1	2	0	0	0	0	7	0	0	
Other Income	320	492	674	662	810	670	680	404	2,150	2,564	650	
PBT before EO Income	7,950	5,845	3,888	4,707	4,920	5,440	5,746	6,289	22,390	22,394	5,015	
Forex gain /(Loss)	564	308	467	-42	30	0	0	0	1,297	30	0	
PBT	8,514	6,153	4,354	4,665	4,950	5,440	5,746	6,289	23,687	22,424	5,015	-1.3
Tax	1,493	1,216	1,288	1,455	1,360	1,142	1,149	1,170	5,453	4,821	1,103	
Rate (%)	17.5	19.8	29.6	31.2	27.5	21.0	20.0	18.6	23.0	21.5	22.0	
PAT	7,021	4,937	3,066	3,210	3,590	4,298	4,597	5,119	18,234	17,603	3,912	-8.2
Adj. PAT	6,556	4,690	2,738	3,239	3,568	4,298	4,597	5,114	17,222	17,577	3,912	-8.8
YoY Change (%)	2.6	-23.9	-67.2	-61.5	-45.6	-8.4	67.9	57.9	-41.2	2.1	-40.3	
Margins (%)	31.1	26.6	18.0	16.5	20.2	22.2	22.7	22.7	23.5	22.0	19.7	
Adj. EPS	24.7	17.7	10.3	12.2	13.4	16.2	17.3	19.3	64.9	66.2	14.7	

Quarterly Performance

Quarterly Performance

Y/E March		FY23	3			FY24	E		FY23	FY24E	FY24E
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE
Cost Break-up											
RM Cost (% of Sales)	36.0	36.4	43.3	42.4	38.7	38.6	38.9	39.0	39.3	38.8	42.6
Staff Cost (% of Sales)	10.9	12.5	14.0	13.2	14.8	13.8	13.4	13.0	12.6	13.7	12.7
Other Expenses(% of Sales)	15.5	17.6	18.8	19.2	18.2	18.4	18.3	18.3	17.6	18.3	18.3
Tax rate (%)	17.5	19.8	29.6	31.2	27.5	21.0	20.0	20.3	23.0	21.5	22.0
Gross Margins (%)	64.0	63.6	56.7	57.6	61.3	61.4	61.1	61.0	60.7	61.2	57.4
EBITDA Margins (%)	37.6	33.5	23.9	25.2	28.3	29.2	29.4	29.7	30.5	29.2	26.4
EBIT Margins (%)	33.8	28.9	18.8	20.7	23.1	24.7	25.0	26.1	26.1	24.8	22.0



Key takeaways from the management commentary

- CWIP related to the Kakinada facility was INR1.3b till date.
- Contrast media products, Sartans and near to medium term patent expiry products are key growth driver for DIVI over the next 2-3 years.

15 August 2023

Growth to be led by continuous efforts across segments

New molecules/contracts to scale up CS business

- CS sales declined 37% YoY to INR7b, due to a reduction in paxlovid-related contracts.
- DIVI continues to explore opportunities in Sartans and the contrast media space.
 In Sartans, it is in process of developing/commercializing products with the innovator.
- In the contrast media space, there are a number of Ph-2/Ph-3 compounds lined up for development. Once these molecules are approved by end-FY24, it can cater to huge demand available.
- It is also working on gadolinium-based products and expanding its offering in the contrast media space.
- Since it is a gradual development, we expect CS sales to see a 6% CAGR to INR38b over FY23-25.

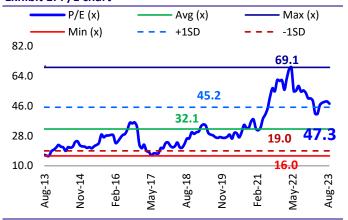
Generics: Demand in core molecules/technology upgradation to drive growth

- In 1QFY24, the generic API segment declined 10% YoY to INR9b, due to inventory pile-up in the channel.
- Being a leader in its core generic portfolio, DIVI is in a good stead to grow better than market in respective molecules.
- Moreover, DIVI is updating its technology in chemistry, leading to a reduction in costs and enabling more production through backward integration. Additionally, new product introductions are expected to drive sales.
- Moreover, DIVI continues to witness a decline in raw material costs, leading to increasing margin in this segment.
- Accordingly, we expect DIVI to post a 12% revenue CAGR to INR47b over FY23-25.

Reiterate Neutral

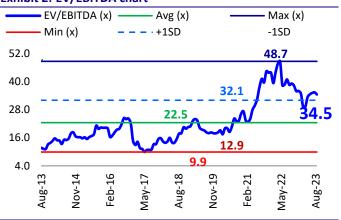
- We reduce our earnings estimate for FY24/FY25 by 3%/5%, factoring in a gradual off-take in custom synthesis/nutraceutical sales over the near term and extended benefits of cost management activities. We value DIVI at 35x 12M forward earnings to arrive at a TP of INR3,430.
- DIVI continues to add product development, manufacturing capacity as well capability in contrast media space key growth levers over the next 3-5 years. Further, being a leader in its core generic portfolio with the lowest cost, DIVI is in a good stead to grow better than market in respective molecules. Having said this, the valuation more than adequately factors the earnings upside over the next two years. It is trading at 15%/48% premium to its 5-year/10-year average PE multiple. Maintain Neutral.

Exhibit 1: P/E chart



Source: MOFSL, Company, Bloomberg

Exhibit 2: EV/EBITDA chart



Source: MOFSL, Company, Bloomberg

Story in charts

Exhibit 3: Revenue declined 21% YoY in 1QFY24

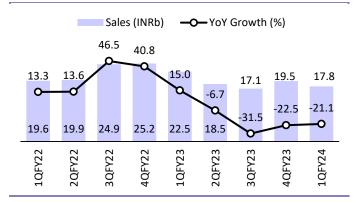


Exhibit 4: Generic API segment contributes 60% to revenue in 1QFY24

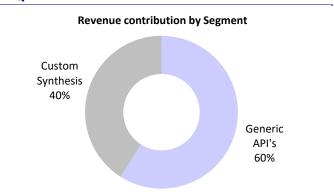


Exhibit 5: Gross margin down 270bp YoY in 1QFY24

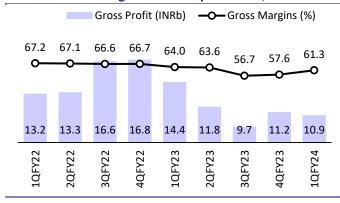


Exhibit 6: EBITDA margin contracts 920bp YoY in 1QFY24

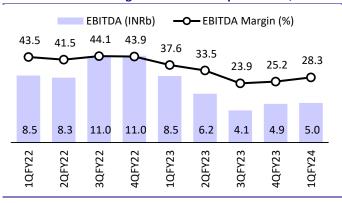


Exhibit 7: Expect ~9% revenue CAGR over FY23-25

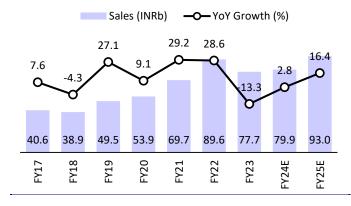


Exhibit 8: Expect margin to expand 110bp over FY23-25

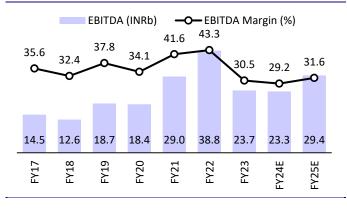


Exhibit 9: Expect 15% earnings CAGR over FY23-25

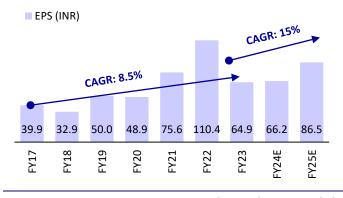
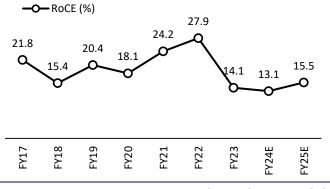


Exhibit 10: RoCE to reach ~16% by FY25



Source: Company, MOFSL

Source: Company, MOFSL

Financials and valuations

Income Statement									(INR m)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Total Income from Operations	40,643	38,915	49,463	53,944	69,694	89,598	77,675	79,887	93,023
Change (%)	7.6	-4.3	27.1	9.1	29.2	28.6	-13.3	2.8	16.4
Total Expenditure	26,183	26,298	30,744	35,523	40,711	50,779	53,997	56,560	63,628
% of Sales	64.4	67.6	62.2	65.9	58.4	56.7	69.5	70.8	68.4
EBITDA	14,460	12,617	18,719	18,422	28,983	38,819	23,678	23,327	29,395
Margin (%)	35.6	32.4	37.8	34.1	41.6	43.3	30.5	29.2	31.6
Depreciation	1,233	1,425	1,689	1,862	2,556	3,115	3,432	3,497	3,477
EBIT	13,227	11,192	17,030	16,559	26,427	35,704	20,246	19,830	25,918
Int. and Finance Charges	23	13	35	61	9	8	7	0	0
Other Income	737	1,090	1,220	1,075	626	733	2,150	2,564	2,977
PBT bef. EO Exp.	13,942	12,269	18,215	17,573	27,044	36,429	22,390	22,394	28,895
EO Items	12	44	336	-621	-384	406	1,297	30	0
PBT after EO Exp.	13,953	12,313	18,551	16,952	26,660	36,835	23,687	22,424	28,895
Total Tax	3,349	3,543	5,023	4,429	6,818	7,231	5,453	4,821	5,923
Tax Rate (%)	24.0	28.8	27.1	26.1	25.6	19.6	23.0	21.5	20.5
Reported PAT	10,604	8,770	13,527	12,523	19,843	29,605	18,234	17,603	22,971
Adjusted PAT	10,595	8,739	13,282	12,991	20,062	29,303	17,239	17,580	22,971
Change (%)	-5.7	-17.5	52.0	-2.2	54.4	46.1	-41.2	2.0	30.7
Margin (%)	25.6	21.8	26.2	23.6	28.5	32.4	21.6	22.0	24.7

Balance Sheet									(INR m)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Equity Share Capital	531	531	531	531	531	531	531	531	531
Total Reserves	53,043	58,717	69,041	72,568	92,415	116,751	127,140	139,271	155,122
Net Worth	53,574	59,248	69,572	73,099	92,946	117,282	127,671	139,802	155,653
Total Loans	357	631	1,056	389	4	0	0	0	0
Deferred Tax Liabilities	1,228	1,917	2,188	2,696	3,348	4,069	5,230	5,230	5,230
Capital Employed	55,160	61,796	72,816	76,184	96,298	121,351	132,901	145,055	160,907
Gross Block	17,940	23,735	26,339	35,143	46,919	56,246	63,653	70,848	81,337
Less: Accum. Deprn.	2,348	3,773	5,462	7,324	9,880	12,995	16,427	19,924	23,401
Net Fixed Assets	15,592	19,962	20,878	27,819	37,039	43,251	47,226	50,924	57,936
Capital WIP	4,436	1,198	4,919	9,197	7,106	4,699	2,119	5,924	6,935
Total Investments	16,307	18,893	19,456	9,714	0	720	771	771	771
Curr. Assets, Loans&Adv.	25,215	27,796	35,106	38,584	63,563	84,933	94,130	100,250	111,051
Inventory	13,199	13,507	17,723	18,639	21,452	28,286	30,004	29,442	33,993
Account Receivables	9,009	10,144	11,634	14,134	16,765	24,239	17,925	18,823	22,682
Cash and Bank Balance	787	1,125	1,153	1,226	21,560	28,189	42,131	47,800	49,502
Loans and Advances	2,220	3,021	4,597	4,586	3,786	4,219	4,070	4,186	4,874
Curr. Liability & Prov.	6,390	6,053	7,543	9,130	11,411	12,251	11,345	12,813	15,786
Account Payables	4,713	4,327	5,320	6,626	7,632	7,957	7,625	8,988	11,331
Other Current Liabilities	1,511	1,540	2,039	2,174	3,501	3,986	3,364	3,460	4,029
Provisions	166	186	185	329	278	309	355	366	426
Net Current Assets	18,825	21,743	27,563	29,455	52,153	72,681	82,785	87,437	95,266
Appl. of Funds	55,160	61,796	72,816	76,184	96,298	121,351	132,901	145,055	160,907

E: MOSL Estimates

Financials and valuations

Total Cash & Cash Eq

Ratios									
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Basic (INR)									
EPS	39.9	32.9	50.0	48.9	75.6	110.4	64.9	66.2	86.5
Cash EPS	44.6	38.3	56.4	56.0	85.2	122.1	77.9	79.4	99.6
BV/Share	201.8	223.2	262.1	275.4	350.1	441.8	481.0	526.7	586.4
DPS	10.0	10.0	10.0	16.0	20.0	29.9	17.0	17.0	22.2
Payout (%)	30.1	36.4	23.7	40.9	32.3	32.3	29.8	31.0	31.0
Valuation (x)									
P/E	93.5	113.3	74.6	76.2	49.4	33.8	57.5	56.3	43.1
Cash P/E	83.7	97.4	66.2	66.7	43.8	30.6	47.9	47.0	37.4
P/BV	18.5	16.7	14.2	13.5	10.7	8.4	7.8	7.1	6.4
EV/Sales	24.4	25.4	20.0	18.3	13.9	10.7	12.2	11.8	10.1
EV/EBITDA	68.5	78.5	52.9	53.7	33.4	24.8	40.0	40.4	32.0
Dividend Yield (%)	0.3	0.3	0.3	0.4	0.5	0.8	0.5	0.5	0.6
FCF per share	29.1	18.9	8.3	1.2	39.1	45.2	69.8	32.2	22.0
Return Ratios (%)	23.1	10.5	0.5		33.1	73.2	33.0	52.2	22.0
RoE	22.0	15.5	20.6	18.2	24.2	27.9	14.1	13.1	15.5
RoCE	21.8	15.4	20.4	18.1	24.2	27.9	14.1	13.1	15.5
RoIC	30.3	21.5	28.3	23.7	31.8	36.9	17.7	17.4	21.2
Working Capital Ratios	30.3	21.5	20.5	23.7	31.0	30.3	17.7	17.7	21.2
Asset Turnover (x)	0.7	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.6
Inventory (Days)	119	127	131	123	112	115	141	135	133
Debtor (Days)	81	95	86	96	88	99	84	86	89
Creditor (Days)	42	41	39	45	40	32	36	41	44
Leverage Ratio (x)	42	71		45	40	32	30	41	77
Net Debt/Equity	-0.3	-0.3	-0.3	-0.1	-0.2	-0.25	-0.34	-0.3	-0.3
Net Debt/ Equity	-0.5	-0.5	-0.5	-0.1	-0.2	-0.23	-0.54	-0.5	-0.5
Cash Flow Statement									(INR m)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
OP/(Loss) before Tax	13,953	12,313	18,551	16,952	26,660	36,835	23,687	22,424	28,895
Depreciation	1,233	1,425	1,689	1,862	2,556	3,115	3,432	3,497	3,477
Interest & Finance Charges	-32	-30	-40	-6	-564	4	-2,144	-2,564	-2,977
Direct Taxes Paid	-3,017	-2,686	-4,844	-4,452	-6,443	-6,410	-5,453	-4,821	-5,923
(Inc)/Dec in WC	-371	-2,191	-4,998	-2,183	-2,641	-13,705	3,838	1,017	-6,126
CF from Operations	11,766	8,831	10,357	12,174	19,569	19,840	23,360	19,553	17,346
Others	-262	-1,073	-814	-14	-100	-722	0	0	0
CF from Operating incl EO	11,504	7,759	9,543	12,160	19,469	19,118	23,360	19,553	17,346
(Inc)/Dec in FA	-3,767	-2,738	-7,331	-11,829	-9,101	-7,132	-4,827	-11,000	-11,500
Free Cash Flow	7,737	5,021	2,213	331	10,368	11,986	18,534	8,553	5,846
(Pur)/Sale of Investments	-8,289	-2,559	-291	10,336	9,740	-15,990	-50	0	0
Others	659	513	767	658	112	1,173	2,150	2,564	2,977
CF from Investments	-11,396	-4,784	-6,854	-835	751	-21,949	-2,727	-8,436	-8,523
Issue of Shares	0	0	0	0	0	0	0	0	0,323
Inc/(Dec) in Debt	0	0	776	-612	-333	-4	0	0	0
Interest Paid	-23	-13	-35	-61	<u>-555</u> -9	-4	-7	0	0
Dividend Paid	0	-3,192	-3,200	-10,241	0	-5,309	-5,432	-5,449	-7,120
CF from Fin. Activity	24	-3,142	-3,200 - 2,459	-10,241	- 349	8,6 7 6	-6,481	-5,449 - 5,449	-7,120 - 7,120
Inc/Dec of Cash	132	-3,142	230	411	19,871	5,844	14,152	5,669	1,703
Opening Balance	734	787	1,124	1,153	1,227	21,560	28,189	42,131	47,800
Closing Balance	866	620	1,124 1,354		21,097				
Forex and other adjustments	-79	504	-201	1,564 -337	463	27,405 784	42,341 -210	47,800	49,502 0
	- / 9	504	-/()	-33/	403	/84	-/10	()	()

1,153 Investment in securities market are subject to market risks. Read all the related documents carefully before investing

1,227

21,560

28,189

42,131

47,800

49,502

787

1,124

15 August 2023

NOTES

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

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

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 - MOFSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at

http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%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 swal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at www.nseindia.com, www.nseindi 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.

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg. No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

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

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

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

 MOFSL has not received compensation for investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received any compensation or other benefits from third party in connection with the research report
- MOFSL has not engaged in market making activity for the subject company

15 August 2023

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.

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.