

Wipro

1
←

Bloomberg	WPRO IN
Equity Shares (m)	5693
M.Cap.(INRb)/(USDb)	2431.7 / 29.3
52-Week Range (INR)	484 / 352
1, 6, 12 Rel. Per (%)	6/6/-5
12M Avg Val (INR M)	2259

Financials & Valuations (INR b)

2024E	2025E	2026E
896	951	1,056
15.3	15.6	16.7
111	121	143
20.6	22.9	27.3
(0.6)	11.5	19.2
138.2	137.4	140.8
14.7	16.7	19.7
11.9	13.4	15.8
120.0	90.0	70.0
·		
22.7	20.3	17.0
3.4	3.4	3.3
12.9	11.8	9.9
5.3	4.4	4.1
	896 15.3 111 20.6 (0.6) 138.2 14.7 11.9 120.0 22.7 3.4 12.9	896 951 15.3 15.6 111 121 20.6 22.9 (0.6) 11.5 138.2 137.4 14.7 16.7 11.9 13.4 120.0 90.0 22.7 20.3 3.4 3.4 12.9 11.8

Shareholding pattern (%)

As On	Sep-23	Jun-23	Sep-22
Promoter	72.9	72.9	73.0
DII	8.0	7.6	8.0
FII	9.0	8.7	9.1
Others	10.8	10.8	10.0

FII Includes depository receipts

CMP: INR465 TP: INR520 (+12%) Neutral Mixed quarter with good delivery but muted guidance

Positive commentary on Consulting is encouraging

- WPRO reported IT Services revenue of USD2.66b in 3QFY24, down 1.7% QoQ CC, near the upper end of its guidance and 100bp ahead of our estimate. It reported an order intake of USD3.8b (flat QoQ), with large deal TCV of USD0.9b (down 8.3% QoQ). Despite four straight quarters of revenue decline, WPRO has provided muted guidance for 4Q, with USD CC revenue performance to be in the range of -1.5% to +0.5% QoQ.
- Despite revenue growth in 3Q, WPRO maintained its IT Services EBIT margin at 16.1% (flat QoQ), ahead of our expectation of 15.1% due to better cost control and lower employee count.
- We see WPRO's 3Q performance as positive given that the company struggled to deliver on expectation over the last few quarters due to macro headwinds. Moreover, the management commentary on higher deal wins in the Consulting vertical indicates that the drag from that segment is now bottoming out, which should help improve overall growth.
- But we believe that WPRO's weak 4QFY24 revenue growth guidance is a concern, along with unchanged commentary on demand and discretionary spending. While we expect WPRO to return to growth in FY25 after posting a decline in FY24, the weak base should result in revenue growth lower than that of peers. We expect the company to deliver a 3.9% CAGR in IT Services revenue over FY23-26.
- EBIT margin stood at 16.1% (IT service), beating our estimate by 100bp QoQ, despite two months of wage hikes. The management remains confident of reverting to its 17% EBIT margin guidance in the medium term. We expect WPRO to revert to this level of profitability in FY25, which should translate to an 8.0% CAGR in INR PAT over FY23-26E.
- We have kept our FY24-FY26 EPS estimates broadly unchanged after its 3Q print. We maintain our **Neutral** stance as we view the current valuation as fair. Our TP of INR520 is based on 19x FY26E EPS.

Steady performance beat our estimates, weak 4Q guidance

- IT services USD rev stood at USD2.65b, down 1.7% QoQ in CC (reported USD down 2.1% QoQ) and better than our estimate of a 2.7% QoQ CC decline.
- BFS (-4.3% QoQ CC), Mfg (-6.1% QoQ CC), Comms (-8.6% QoQ CC) and Technology (-1.9% QoQ CC) were adversely impacted.
- IT Services EBIT margin was stable at 16.0% (down 10bp QoQ) despite wage hike in 3Q, above our estimate of a 100bp QoQ decline.
- 3Q deal TCV came in at USD3.8b, flat QoQ and down 13.5% YoY CC. Large deal TCV of USD0.9b (down 8.3% QoQ).
- Net profit stood at INR27b, down 11.7% YoY but above our estimate of INR25b due to a beat in margins.

Key highlights from management commentary

- The management alluded that the market has not changed fundamentally in terms of demand. It is witnessing some stabilization in technology-related spending. While a major slowdown is seen in discretionary areas, especially in smaller projects.
- The short-term demand environment remains cautious, with enterprise clients still being conservative on investment decisions. They continue to look for optimization and cost saving opportunities, while return on investments remains a common theme across clients.
- EN&U is performing well and is witnessing progressive investments in the areas
 of plant engineering and IT services. Additionally, GenAI is also supporting the
 overall demand trend and getting embedded into remote equipment
- The management indicated that GenAl is now moving from an experimental stage to a commercial stage, where every large deals has some components of GenAl to develop use cases and Al models.

Valuations & View

- Given WPRO's weak 3QFY24 revenue growth and muted 4Q guidance, we expect its FY24 revenue growth rate to be one of the lowest among Tier-1 IT Services peers, with margin below the management's medium-term guided range of 17.0-17.5%.
- We maintain our Neutral rating as we await: 1) further evidence of the execution of WPRO's refreshed strategy, and 2) a successful turnaround from its struggles over the last decade before turning more constructive on the stock. Our TP of INR520 is based on 19x FY26E EPS.

Quarterly performance (IFRS)												(INR b)
Y/E March		FY2	23			FY2	4E		FY23	FY24E	FY24E	Var.
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QFY24	(% / bp)
IT Services Revenue (USD m)	2,756	2,817	2,821	2,840	2,779	2,713	2,656	2,671	11,234	10,818	2,633	0.9
QoQ (%)	1.3	2.2	0.1	0.6	-2.1	-2.3	-2.1	0.5	8.5	-3.7	-2.9	83bp
Overall Revenue (INR b)	215	225	232	232	228	225	222	223	905	896	221	0.6
QoQ (%)	3.2	4.7	3.1	-0.2	-1.5	-1.4	-1.4	0.3			-2.0	60bp
YoY (%)	17.9	14.6	14.4	11.2	6.0	-0.1	-4.4	-4.0	14.4	-0.9	-5.0	58bp
GPM (%)	27.7	27.3	29.7	29.8	29.4	29.3	30.7	30.9	28.7	30.0	27.5	322bp
SGA (%)	13.4	13.4	14.1	14.0	14.2	14.6	16.0	14.6	13.7	14.9	13.8	224bp
EBITDA	40	40	47	46	42	42	42	45	173	171	39	9.1
EBITDA Margin (%)	18.4	18.0	20.2	19.9	18.4	18.8	19.0	20.1	19.1	19.1	17.5	148bp
IT Serv. EBIT (%)	14.9	15.1	16.3	16.3	16.0	16.1	16.0	17.9	15.7	16.5	15.1	92bp
EBIT Margin (%)	14.8	14.4	16.2	16.2	15.1	14.8	14.8	16.4	15.4	15.3	13.8	98bp
Other income	2	2	2	3	3	2	3	2	8	10	2	6.3
ETR (%)	23.6	22.5	22.9	23.0	24.0	24.0	24.0	24.0	23.0	24.0	24.0	-3bp
PAT	26	27	31	31	29	26	27	29	114	111	25	8.1
QoQ (%)	-17.0	3.7	14.8	0.7	-6.6	-7.8	1.8	9.4			-5.8	766bp
YoY (%)	-20.7	-9.3	2.9	-0.4	12.0	-0.5	-11.7	-4.2	-7.1	-2.0	-18.4	664bp
EPS (INR)	4.7	4.9	5.6	5.6	5.1	5.0	5.2	5.6	20.7	20.6	4.7	8.4

E: MOFSL estimates

Key performance indicators

Y/E March		FY2	23		FY24					
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	FY23	FY24E	
Revenue (QoQ CC %)	1.9	4.1	0.6	-0.7	-2.8	-2.0	-1.7			
Margins										
Gross margin	27.7	27.3	29.7	29.8	29.4	29.3	30.7	28.7	30.0	
EBIT margin	14.8	14.4	16.2	16.2	15.1	14.8	14.8	15.4	15.3	
Net margin	11.9	11.8	13.1	13.3	12.6	11.8	12.1	12.5	12.4	
Operating metrics										
Headcount (k)	262	263	262	259	250	245	240	259		
Attrition (%)	23.0	22.9	21.2	19.4	17.3	15.5	14.2	19		
Utilization	83.8	79.8	79.7	81.7	83.7	84.5	84	81.3		
Key verticals (YoY CC %)										
BFSI	2.4	3.6	-0.2	-2.4	-4.3	-3.0	-4.3	12.5		
Retail	5.0	5.5	0.6	-0.9	-3.5	-2.3	-1.0	18.3		

Highlights from management commentary

3QFY23 performance and demand outlook

- The company booked 14 large deals with total TCV of UD3.8b in 3Q. The company's efforts to build a strong leadership team are paying off well, as its winning rates and ability to participate in complex transformation deals have improved significantly.
- It is also winning new logos, apart from what it gets to associate with new clients through vendor consolidation opportunities. In 3Q, the company booked transformation deals worth USD300m.
- The management alluded that the market has not changed fundamentally in terms of demand. It is witnessing some stabilization in technology-related spending. While a major slowdown is seen in discretionary areas, especially in smaller projects.
- The short-term demand environment remains cautious, with enterprise clients still being conservative on investment decisions. They continue to look for optimization and cost saving opportunities, while return on investments remains a common theme across clients.
- Nonetheless, the company has witnessed green shoots in discretionary spending, as few accounts have started investing (although not meaningfully) in the consulting service line. The company's consulting business units, Capco and Rising, have delivered growth in 3Q.
- EN&U is performing well and is witnessing progressive investments in the areas
 of plant engineering and IT services. Additionally, GenAI is also supporting the
 overall demand trend and getting embedded into remote equipment

Margin outlook

- The company's strategy to trim the low-margin business and low-potential accounts is progressing well. The APMEA region witnessed strong and sustainable margin improvements over the last couple of quarters, which is also aiding consolidated-level margins.
- It continues to streamline business operations and leverage automation, Al and analytics tools to further optimize operations and improve margins.

13 January 2024

The management indicated that GenAI is now moving from an experimental stage to a commercial stage, where every large deals has some components of GenAI to develop use cases and AI models.

The company has built certain level of resilience in its margin profile and it is confident of sustaining its margins going forward. The earlier cost-control measures are helping the company hold margins despite a slowdown and competitive landscape.

Exhibit 1: Healthcare leads sequential growth in 3QFY24

Verticals	Contribution to revenue (%)	CC growth (QoQ %)
BFSI	32.7	-4.3
Communications	4.0	-8.6
Consumer Business Unit	18.8	-1.0
Energy, Natural Resources, and Utilities	11.8	0.7
Health Business Unit	13.9	7.5
Manufacturing	6.7	-6.1
Technology	12.1	-1.9

Source: Company, MOFSL

Exhibit 2: America 1 aided the growth in 3QFY24

Geographies	Contribution to revenue (%)	CC growth (QoQ %)		
Americas 1	31.0	2.0		
Americas 2	30.0	-1.3		
Europe	27.7	-4.3		
APMEA	11.3	-5.4		

Source: Company, MOFSL

Valuations & View

- Given WPRO's weak 3QFY24 revenue growth and muted 4Q guidance, we expect its FY24 revenue growth rate to be one of the lowest among Tier-1 IT Services peers, with margin below the management's medium-term guided range of 17.0-17.5%.
- We maintain our Neutral rating as we await: 1) further evidence of the execution of WPRO's refreshed strategy, and 2) a successful turnaround from its struggles over the last decade before turning more constructive on the stock. Our TP of INR520 is based on 19x FY26E EPS.

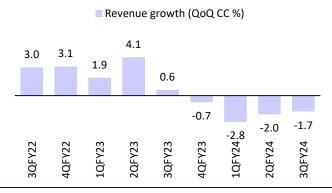
Exhibit 3: Revisions to our estimates

	Revised estimates			Earli	er estimate	S	Change in estimates		
	FY24E	FY25E	FY26E	FY24E	FY25E	FY26E	FY24E	FY25E	FY26E
USD:INR	82.7	83.0	83.0	82.7	83.0	83.0	0.0%	0.0%	0.0%
Revenue from IT Services (USD m)	10,818	11,412	12,618	10,796	11,415	12,631	0.2%	0.0%	-0.1%
Overall growth (%)	(2.5)	5.6	11.1	(2.6)	6.0	11.1	10bps	-40bps	0bps
EBIT margin – overall (%)	15.3	15.6	16.7	14.6	15.5	16.8	70bps	10bps	-10bps
EBIT margin – IT Services (%)	16.5	17.0	18.2	15.7	16.9	18.3	80bps	10bps	-10bps
PAT (INR b)	111.2	121.1	143.1	106.1	120.5	143.4	4.8%	0.5%	-0.2%
EPS (INR)	20.57	22.94	27.35	19.61	22.79	27.33	4.9%	0.7%	0.1%

Source: Company, MOFSL

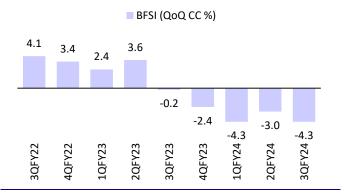
Story in charts

Exhibit 4: WPRO revenue continued to decline in 3Q



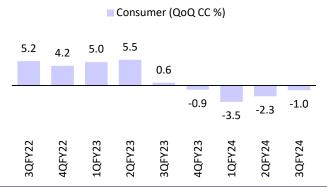
Source: Company, MOFSL

Exhibit 5: BFSI CC growth decelerated further



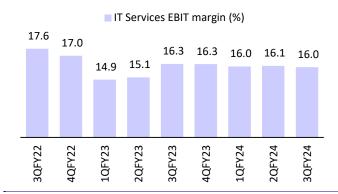
Source: Company, MOFSL

Exhibit 6: Declining trend Consumer segment revenue



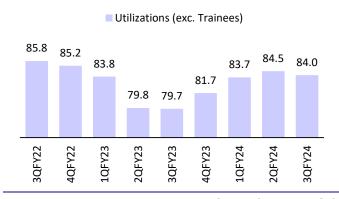
Source: Company, MOFSL

Exhibit 7: Margin remains steady despite weak growth



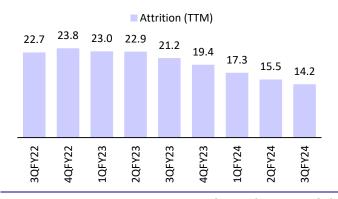
Source: Company, MOFSL

Exhibit 8: Utilization moderated by 50bp QoQ



Source: Company, MOFSL

Exhibit 9: Attrition sees further moderation in 3QFY24



Source: Company, MOFSL

Operating metrics

Exhibit 10: Operating metrics

	3QFY22	4QFY22	1QFY23	2QFY23	3QFY23	4QFY23	1QFY24	2QFY24	3QFY24
Verticals (%)									
Finance Solutions	35.2	35.4	35.4	35.2	34.9	34.2	33.9	33.6	32.7
Manufacturing	6.7	7.0	6.7	6.9	6.9	7.0	7.3	7.0	6.7
Healthcare Life Sciences	11.8	11.5	11.5	11.4	12.0	12.2	12.2	12.7	13.9
Energy, Natural Resources, and Utilities	11.7	11.5	11.1	11.2	11.4	12.3	12.0	11.6	11.8
Communications	5.0	4.8	5.0	4.9	4.6	4.5	4.6	4.3	4.0
Consumer	17.7	17.9	18.5	18.8	18.9	18.8	18.7	18.7	18.8
Technology	11.9	11.9	11.8	11.6	11.3	11.0	11.3	12.1	12.1
Geography (%)									
Americas 1	28.2	28.3	29.1	29.2	29.4	28.8	28.8	29.8	31.0
Americas 2	30.4	31.0	31.3	31.3	30.8	30.7	30.0	29.9	30.0
Europe	29.7	29.3	28.3	28.1	28.8	29.3	29.5	28.6	27.7
APMEA	11.7	11.4	11.3	11.4	11.0	11.2	11.7	11.7	11.3
Customer size distribution (TTM)									
Over USD100m	17	19	20	19	19	19	21	22	22
Over USD75m	29	29	30	29	29	29	28	28	31
Over USD50m	47	50	50	52	52	53	51	51	46
Over USD20m	110	117	120	122	119	117	123	122	121
Over USD10m	189	194	196	199	204	210	207	207	203
Over USD5m	286	297	313	314	312	315	319	313	305
Over USD3m	399	410	427	434	440	436	444	437	430
Over USD1m	661	679	719	745	755	766	769	774	750
Customer metrics									
Revenue from existing customers (%)	94.9	93.7	98.7	97.4	96.9	96.6	99.6	99.1	98.8
Number of new customers	67	116	164	128	82	63	65	49	55
Total number of active customers	1315	1369	1433	1471	1484	1441	1444	1393	1349
Employee metrics									
Closing headcount – IT Services (k)	232	247	262	263	262	259	250	245	240
Sales and support staff – IT Services (k)	18	18	18	17	17	17	17	17	16
Utilization									
Gross utilization (%)	85.8	85.2	83.8	79.8	79.7	81.7	83.7	84.5	84.0
Net utilization (excluding trainees, %)									
Attrition	22.7	23.8	23.0	22.9	21.2	19.4	17.3	15.5	14.2
Voluntary TTM	10.0	9.0	11.4	10.3	8.7	9.0	9.2	9.8	8.3
Customer concentration (%)	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0
Top customer	12.7	12.9	12.9	13.1	13.3	12.6	12.5	12.3	12.1
Top five	20.2	20.5	20.8	20.8	21.2	20.2	20.5	20.6	20.5
Top 10	35.2	35.4	35.4	35.2	34.9	34.2	33.9	33.6	32.7

Source: MOFSL, Company

Financials and valuations

Income Statement								(INR b)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Sales	586	610	619	791	905	896	951	1,056
Change (%)	7.5	4.2	1.5	27.7	14.4	-0.9	6.0	11.1
Operating Costs	413	436	423	556	645	627	663	729
SG&A	75	69	73	97	120	132	139	151
EBITDA	117	126	151	169	173	170	184	216
As a percentage of Net Sales	19.9	20.6	24.3	21.4	19.1	19.0	19.3	20.4
Depreciation and Amort.	19	21	28	31	33	33	35	39
EBIT	97	105	123	138	140	137	149	177
Margin	16.6	17.2	19.8	17.5	15.4	15.3	15.6	16.7
Other Income	18	17	16	13	8	10	12	12
PBT	115	123	139	151	148	147	160	189
Tax	25	25	30	29	34	35	38	45
Rate (%)	21.9	20.2	21.8	19.1	23.0	24.0	24.0	24.0
PAT	90	98	109	122	114	112	122	144
Minority Interest	0	0	1	0	0	1	1	1
Adjusted PAT	90	97	108	122	114	111	121	143
Change (%)	12.4	8.0	11.0	13.2	-7.1	-2.0	8.9	18.1

Balance Sheet								(INR b)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Share Capital	12	11	11	11	11	11	11	11
Reserves	556	546	542	647	770	720	706	724
Net Worth	568	557	553	658	781	731	717	735
Minority Interest and others	22	38	41	56	66	54	58	64
Loans	99	78	83	152	150	140	130	120
Capital Employed	690	674	677	866	997	925	905	919
Gross Block	220	268	299	338	369	383	402	423
Less: Depreciation	149	170	198	228	262	295	330	369
Net Block	71	98	102	110	107	88	72	54
Investments	13	11	12	20	22	22	22	22
Intangible Assets	131	147	152	291	351	351	351	351
Other non-current assets	47	41	42	38	35	50	53	59
Curr. Assets	572	520	523	621	661	666	672	721
Debtors	123	130	121	176	187	184	196	217
Inventories	4	2	1	1	1	1	1	1
Cash and Bank Balance	159	144	170	104	92	79	50	50
Adv., Other Current Assets	46	54	55	98	72	72	76	84
Investments	240	190	176	242	309	329	349	369
Current Liab. and Prov.	143	143	154	213	179	251	264	288
Net Current Assets	429	377	369	408	482	415	408	433
Application of Funds	690	674	677	866	997	925	905	919

Application of Funds
E: MOFSL estimates

Financials and valuations

Ratios								
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Basic (INR)								
EPS	14.6	16.4	18.8	21.9	20.7	20.6	22.9	27.3
Cash EPS	18.2	20.2	23.9	27.9	26.8	27.1	29.9	34.8
Book Value	94.8	95.6	97.9	120.4	142.7	138.2	137.4	140.8
DPS	1.0	1.0	1.0	6.0	1.0	24.7	20.6	19.1
Payout (%)	6.7	113.9	93.3	26.9	4.8	120.0	90.0	70.0
Valuation (x)								
P/E ratio	31.9	28.4	24.8	21.3	22.5	22.7	20.3	17.0
Cash P/E ratio	25.6	23.1	19.5	16.7	17.4	17.2	15.6	13.4
EV/EBITDA ratio	21.3	19.6	15.7	13.9	13.3	12.9	11.8	9.9
EV/Sales ratio	4.3	4.0	3.8	3.0	2.5	2.4	2.3	2.0
Price/Book Value ratio	4.9	4.9	4.8	3.9	3.3	3.4	3.4	3.3
Dividend Yield (%)	0.2	0.2	0.2	1.3	0.2	5.3	4.4	4.1
Profitability Ratios (%)								
RoE	17.1	17.3	19.4	20.2	15.8	14.7	16.7	19.7
RoCE	13.1	13.7	16.0	16.3	12.8	11.9	13.4	15.8
Turnover Ratios								
Debtors (Days)	77	78	72	81	75	75	75	75
Asset Turnover ratio (x)	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.9

Cash Flow Statement								(INR b)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
CF from Operations	89	124	125	147	145	144	156	182
Cash for Wkg. Capital	27	-24	23	-36	-15	48	-2	-6
Net Operating CF	116	101	148	111	131	192	154	177
Net Purchase of FA	-21	-22	-19	-19	-14	-13	-19	-21
Other change in investments	71	56	27	-205	-70	-20	-20	-20
Net Cash from Invest.	50	34	8	-224	-84	-33	-39	-41
Issue of Shares/Other adj	0	0	0	0	0	0	0	0
Proceeds from LTB/STB	-44	-143	-122	53	-28	-19	-19	-19
Dividend Payments	-5	-8	-6	-7	-33	-153	-126	-117
Net CF from Finan.	-49	-151	-129	47	-61	-171	-145	-136
Free Cash Flow	95	78	129	91	116	179	135	155
Net Cash Flow	117	-16	26	-67	-14	-12	-30	0
Forex difference	1	2	-1	1	2	0	0	0
Opening Cash Bal.	39	157	142	168	102	90	78	48
Add: Net Cash	118	-14	26	-66	-12	-12	-30	0
Closing Cash Bal.	157	142	168	102	90	78	48	48

E: MOFSL estimates

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

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

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

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 http://onlinereports.motilaloswal.com/Dormant/documents/List%20

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. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

Regional Disclosures (outside India)

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

For Hong Kong:

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

For U.S.

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

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets Singapore Pte Ltd ("MOCMSPL") (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
- 10 MOFSL has not engaged in market making activity for the subject company

9 13 January 2024

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

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.