# MOTILAL OSWAL

# **MAX Financial Services**

Estimate change	
TP change	Ļ
Rating change	

Bloomberg	MAXF IN
Equity Shares (m)	345
M.Cap.(INRb)/(USDb)	386 / 4.4
52-Week Range (INR)	1311 / 862
1, 6, 12 Rel. Per (%)	2/6/20
12M Avg Val (INR M)	1210

### Financials & Valuations (INR b)

Y/E MARCH	FY25E	FY26E	FY27E
Gross Premiums	344.2	395.9	455.0
Sh. PAT	5.1	7.3	9.8
NBP gr - APE (%)	23.2	16.7	16.1
Premium gr (%)	16.5	15.0	14.9
VNB margin (%)	23.0	24.5	25.0
Op. RoEV (%)	19.0	19.5	19.4
Total AUMs (INRb)	1,693	1,904	2,147
VNB (INRb)	20.7	25.7	30.5
EV Per Share	538	642	767
Valuations			
P/EV (x)	2.6	2.2	1.8
P/EVOP (x)	16.2	13.3	11.2

### Shareholding Pattern (%)

As On	Dec-24	Sep-24	Dec-23
Promoter	3.3	3.3	6.5
DII	42.7	44.0	36.9
FII	47.5	46.2	50.9
Others	6.5	6.4	5.7
	••	• •	

FII includes depository receipts

## CMP: INR1,119 TP: INR1,180 (+5%)

Neutral

## Strong APE growth driven by 19% growth in NOP

- MAX Financial Services (MAXF) reported a steady performance in 3QFY25. The new business APE rose 17.4% YoY (in line) to INR21.1b. For 9MFY25, it came in at INR57.3b, up 26% YoY.
- MAXF reported a flat VNB growth on a YoY basis (in line) at INR 4.9b. VNB margin contracted ~400bp YoY to 23.2% (MOFSLe: 23.5%), mainly due to the shift in product mix towards ULIP and the impact of surrender charges.
- Shareholders PAT for the quarter declined 54% YoY to INR0.7b (56% miss).
  For 9MFY25, it reported a PAT of INR3.7b, down 11% YoY.
- For FY25, management has guided for 20% growth in overall sales and higher single-digit growth in absolute VNB. The margin is likely to be at ~25%.
- The higher share of ULIP has led to margin contraction. However, management has guided to reduce the share of ULIP to 35-40% from 44% currently. We broadly maintain our estimates. Reiterate Neutral with a TP of INR1,180, premised on 2.1x Sept'26E EV and a holding company discount of 20%.

### Higher ULIP share and surrender charges lead to a dip in VNB margin

- Gross premium income grew 12.7% YoY to INR82.2b (in line). For 9MFY25, it came in at INR213.6b, up 14% YoY. Renewal premium grew 13.3% YoY to INR52.2b (in line).
- The increase in rider penetration and selling variants with higher margins led to a lower-end impact of the surrender charges. However, the margin contracted 400bp YoY due to the ~100bp impact of surrender charges regulation and ~300bp impact of product mix shift towards ULIP and lower sales in the Par and Non-par segments.
- The policyholder expense to GWP rose 13bp YoY to 14.9% in 9MFY25.
- Persistency on the NOP basis improved across the cohorts, particularly in the 25th-month persistency, at 72% (up 250bp). Management expects the 25th-month persistency ratio to further increase.
- On the product front, ULIPs reported an exponential growth of 70%/49% YoY (9M/3Q basis), fueled by the newly launched Sustainable Wealth 50 Index Fund tailored for e-commerce customers. MAXF recently launched Smart Term Plan Plus to further fortify the protection & health segment.
- On the distribution side, Banca/Proprietary channels grew 14%/41% YoY (on a 9M basis). The surge in proprietary business was aided by: 1) > 100% YoY growth in the online channel, 2) 26% YoY growth in direct selling, and 3) 21% YoY growth in the agency channel. The slow growth in the banca channel was due to slower growth from the Axis Bank channel vs. other banks. However, management expects this to pick up in the coming quarters.
- AUM grew 20.4% YoY to INR1.72t.

Research Analyst: Prayesh Jain (Prayesh.Jain@MotilalOswal.com) | Nitin Aggarwal (Nitin.Aggarwal@MotilalOswal.com)

Research Analyst: Muskan Chopra (Muskan.Chopra@MotilalOswal.com) | Kartikeya Mohata (Kartikeya.Mohata@MotilalOswal.com) Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

## Highlights from the management commentary

- The strategies for product mix rebalancing as stated are: 1) customer centricity,
  2) improving the market share, and 3) focusing on profitability. Management guided product mix rebalancing by reducing the share of the ULIP segment in the mix by ~5-7 % and increasing the share of the non-par segment.
- The merger with the Axis Group will further lead to improved penetration in the tier 2 and tier 3 cities. This will lead to a 1.5x surge in the number of policies.
- All actions regarding pricing as well as negotiations with the distributors have been done. Management guides no further near-term repricing actions to be taken.

### Valuation and view

- MAXF reported a steady performance in 3QFY25 with APE/VNB being in line. The company posted strong growth in the proprietary channel driven by secular growth within online sales, agency, and direct selling. On the product front, ULIP reported a robust growth of 49% in 3QFY25 and the share in the product mix improved to 44%.
- Actions such as an increase in rider penetration and selling variants with higher margins led to a lower-end impact of the surrender charges. However, the margin contracted 400bp YoY due to the product mix shift towards ULIP and surrender charges regulation. **Reiterate Neutral** rating with a TP of INR 1,180, premised on 2.1x Sept'26E EV and a holding company discount of 20%.

Quarterly Snapshot												
Policyholder's A/c		F	Y24			FY	25		FY24	FY25E	FY25E	A v/s E
(INR b)	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QE	A V/S E
First-year premium	9.9	15.3	17.6	25.4	12.6	20.5	20.4	30.9	68.9	85.3	21.3	-4%
Growth (%)	8.0%	37.7%	20.7%	5.3%	27.1%	33.6%	16.1%	21.9%	16.8%	23.9%	21.2%	
Renewal premium	30.1	42.0	46.1	66.8	33.2	47.2	52.2	75.4	185.1	212.9	53.2	-2%
Growth (%)	15.1%	7.5%	14.6%	14.6%	10.3%	12.4%	13.3%	12.8%	13.0%	15.0%	15.5%	
Single premium	8.7	8.9	9.3	15.2	8.2	9.7	9.6	16.6	41.3	45.9	10.1	-5%
Growth (%)	52.8%	14.2%	15.5%	66.5%	-5.7%	8.4%	3.0%	9.8%	35.1%	11.0%	8.7%	
Gross premium income	48.7	66.3	73.0	107.4	54.0	77.4	82.2	122.9	295.3	344.2	84.7	-3%
Growth (%)	18.7%	14.2%	16.1%	17.3%	10.8%	16.8%	12.7%	14.5%	16.5%	16.5%	16.0%	
PAT	1.0	1.6	1.5	-0.5	1.6	1.4	0.7	0.9	3.6	5.1	1.6	-56%
Growth (%)	13.2%	196.2%	-34.9%	-186.4%	51.4%	-11.2%	-53.8%	-276.6%	-17.8%	42.8%	4.1%	
Key metrics (INRb)												
New Business APE	11.1	16.5	18.0	28.7	14.5	21.7	21.1	33.1	73.0	89.9	20.7	2%
Growth (%)	10.3%	38.8%	18.9%	13.2%	30.5%	31.3%	17.4%	15.4%	17.7%	23.2%	0.2	
VNB	2.5	4.2	4.9	8.2	2.5	5.1	4.9	8.1	19.7	20.7	4.9	1%
Growth (%)	16.0%	11.5%	-17.5%	6.6%	2.8%	23.1%	0.0%	-0.9%	1.2%	4.8%	0.0	
AUM	1,291.3	1,341.6	1,426.2	1,508.4	1,611.5	1,701.4	1,717.1	1,692.7	1,508.4	1,692.7	1,769	-3%
Growth (%)	20.5%	18.4%	20.5%	22.8%	24.8%	26.8%	20.4%	12.2%	22.8%	12.2%	0.2	
Key Ratios (%)												
VNB Margins (%)	22.2	25.2	27.2	28.6	17.5	23.6	23.2	24.6	41.2	23.0	23.5	

## MOTILAL OSWAL

Dellauhelder/e A (e (INDh)		FY24				FY25			
Policyholder's A/c (INRb)	1Q	2Q	3Q	4Q	1Q	2Q	3Q	YoY	QoQ
Gross premium	48.7	66.3	73.0	107.4	54.0	77.4	82.2	13	6
First-year premium	9.9	15.3	17.6	25.4	12.6	20.5	20.4	16	0
Renewal premium	30.1	42.0	46.1	66.8	33.2	47.2	52.2	13	11
Single premium	8.7	8.9	9.3	15.2	8.2	9.7	9.6	3	-1
Shareholder PAT	1.0	1.6	1.5	-0.5	1.6	1.4	0.7	-54	-50
APE data (INRb)									
PAR	1.9	3.9	3.3	4.3	1.9	2.1	3.5	5	65
Individual Protection	0.9	1.6	1.6	1.8	1.5	2.2	2.1	30	-3
Group protection	1.2	1.0	1.0	0.5	1.5	1.1	0.9	-8	-17
Non Par Savings	4.2	4.6	3.5	13.0	3.9	6.6	2.7	-23	-59
ULIP	2.8	5.5	5.8	11.9	5.7	9.5	9.4	61	-1
APE (% of total)									
PAR	17.0	23.7	18.5	14.8	13.0	9.7	16.4	-202	678
Individual Protection	8.0	9.7	9.0	6.4	10.0	10.0	10.0	100	0
Group protection	11.0	6.0	5.5	1.8	10.0	5.0	4.3	-118	-71
Non Par Savings	38.0	28.0	19.3	45.1	27.0	30.3	12.7	-661	-1,765
ULIP	25.0	33.4	32.5	41.4	39.0	44.0	44.7	1,218	71
Distribution mix (%)									
Proprietary	40.0	40.0	40.0	40.0	49.0	43.7	41.7	170	-200
Banca	58.0	59.7	59.0	56.4	48.0	54.3	56.2	-275	193
Others	2.0	0.3	1.0	3.6	2.0	2.0	2.1	106	7
Key Ratios (%)									
Operating ratios									
Opex to GWP ratio (%)	23.6	22.8	22.6	22.0	26.3	25.6	24.3	170	-130
Solvency Ratio	188.0	184.0	179.0	172.0	203.0	198.0	196.0	1,700	-200
Profitability ratios									
VNB margins	22.2	25.2	27.2	28.6	17.5	23.6	23.2	-404	-40
Persistency ratios (%)									
13th Month	84.0	84.0	85.0	87.0	87.0	87.0	85.0	0	-200
25th Month	69.0	70.0	70.0	70.0	71.0	71.0	72.0	200	100
37th Month	52.0	62.0	63.0	63.0	64.0	64.0	64.0	100	0
49th Month	64.0	65.0	65.0	66.0	67.0	67.0	67.0	200	0
61st Month	58.0	57.0	58.0	58.0	58.0	58.0	58.0	0	0
Key Metrics (INRb)									
VNB	2.5	4.2	4.9	8.2	2.5	5.1	4.9	0	-4
AUM	1,291	1,342	1426	1508	1612	1701	1717	20	1
Equity Mix (%)	26.5	28.1	30.1	30.0	29.7	43.3	0.0	-3,009	-4,327
· · · · · ·									



## **Highlights from the management commentary**

### **Business:**

- The individual APE for 3Q grew at 25% outperforming the private market growth at 19% and overall industry growth at 25%
- Achieved highest ever rider attachment ratio of 45% vs 32% in 9MFY24 with Rider APE growing by 250% during 9MFY25
- Recently launched, the Smart Term Plan Plus offers seven flexible plan variants to further strengthen the protection and health segment.
- On the digital front, it launched a new edge product configurator, enabling do-ityourself product setup and automated journey configurations, resulting in a reduction of product launch time by almost 50%.
- Axis Group's ownership in the AXIS Max Life Insurance declined to ~19.02% from 19.2%.
- The merger with Axis Group will further lead to penetration improvement in tier 2 and tier 3 cities with the number of policies to surge 1.5x of the current number.

- Approval is awaited for Section 35 and remains positive on the same.
- Persistency on NOP basis improved across the cohorts particularly in the 25<sup>th</sup>month persistency at 72% improved by 250 bps. Management expects the 25<sup>th</sup>month persistency ratio to further improve.

## **Product mix**

- The future strategies for product mix rebalance as stated are: 1) customer centricity, 2) improving the market share and 3) focusing on profitability.
- Management guided product mix rebalancing by reducing the share of the ULIP segment in the mix by ~5-7 % and increasing the share of the non-par segment.
- The growth in the ULIP segment remained robust at 49% despite a decline in the capital markets. The share in the overall product mix has improved from 35% to 44%. Management has guided bringing down the ULIP share in the mix to the range of 35-40%.

## **VNB** margin

- Margins contracted 400bp YoY on account of ~100bp impact due to surrender charges regulation and ~300bp impact due to product mix shift towards ULIP and lower sales in Par and Non-par segment.
- The increase in rider penetration and selling variants with higher margins led to a lower-end impact of the surrender charges.

## **Channel mix**

- On the growth front, the proprietary channel will be the key focus area basis secular growth within online channel (>100% YoY growth), agency (21% YoY growth), and direct selling (26% growth).
- Successfully on-boarded 33 new partners during 9MFY25, i.e., three Banks including Indian Post Payments Bank, 15 GCL partners, seven online & offline brokers, and eight corporate agents.
- On the Banca channel, during the quarter, the growth rate from the Axis bank channel was lower than other banks. Management guided the growth rate to pick up in the coming year as new partners have been onboarded and the growth rate of existing partners further improves.

## Guidance

 Management guided 20% growth in overall sales and a higher single-digit growth rate for VNB for FY25. Management guided to maintain margin in the range of 25%.

## **Key exhibits**

# Exhibit 1: First-year premium grew 16% YoY, while total premium grew 13% YoY in 3QFY25

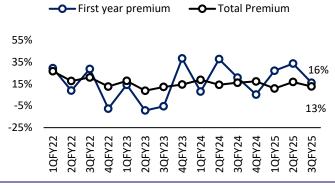


Exhibit 3: Opex-to-GWP ratio stood at 24% for 9MFY25

20%

21%

.2MFY23 1QFY24 1HFY24 9MFY24 9MFY24 .2MFY24 1QFY25 1HFY25

-0-

23%

1QFY23

21%

1HFY23 9MFY23

20%

23%

С

1QFY22 1HFY22

22%

21%

9MFY23

- Policyholder Cost to GWP

24%

23%

23%

22%

Sources: MOFSL, company reports

Sources: MOFSL, company reports

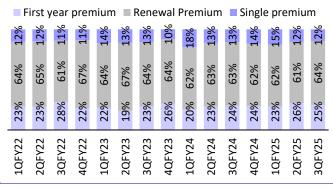
26%

24%

9MFY25

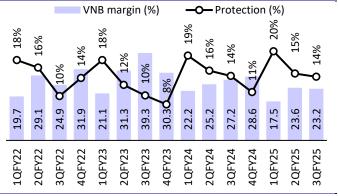
26%

# Exhibit 2: Share of renewal premium increased to 64% in 3QFY25

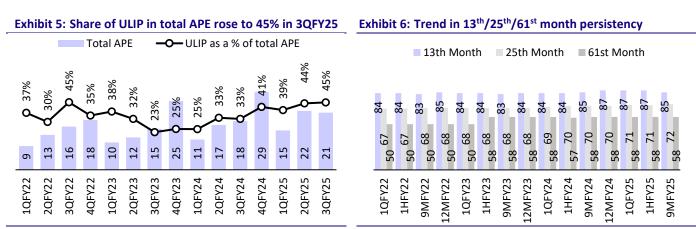


Sources: MOFSL, company reports





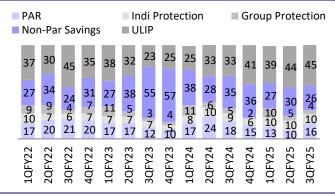
Sources: MOFSL, company reports



Sources: MOFSL, company reports

Sources: MOFSL, company reports

# Exhibit 7: Share of protection stood at 14% of the total APE, while the share of ULIP rose to 45% in 3QFY25



Sources: MOFSL, company reports

# Exhibit 9: Solvency ratio healthy at 196%, well above the regulatory requirement of 150%

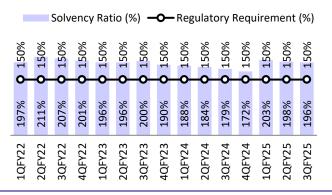
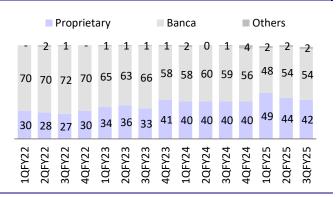


Exhibit 8: Distribution mix (%)



Sources: MOFSL, company reports



Sources: MOFSL, company reports

Sources: MOFSL, company reports

## Exhibit 11: We value MAXF at INR1,180 per share

Appraisal value method (INR b)	Sept'26E
Embedded value	304
New business profit	28.1
Appraisal value	638
MFS stake post-deal	80%
MFS value	510
MFS valuation per share (INR)	1,480
Appraisal value-to-embedded value (x)	2.1
Holding company discount	20%
Target price (INR)	1,184
Upside/downside	6%

Source: MOFSL

## **Financials and valuations**

Technical account (INR m)	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Gross Premiums	1,61,836	1,90,179	2,24,141	2,53,419	2,95,290	3,44,155	3,95,900	4,54,979
Reinsurance Ceded	2,049	2,788	4,272	4,601	5,443	6,343	7,297	8,386
Net Premiums	1,59,788	, 1,87,391	2,19,870	2,48,818	2,89,847	3,37,811	3,88,603	4,46,593
Income from Investments	21,589	1,21,657	87,408	60,936	1,70,875	1,33,732	1,36,385	1,53,442
Other Income	612	730	878	792	77	77	77	77
Total income (A)	1,81,989	3,09,778	3,08,155	3,10,547	4,60,800	4,71,621	5,25,065	6,00,112
Commission	(10,244)	(12,270)	(14,028)	(16,138)	(23,983)	(28,564)	(33,297)	(38,633)
Operating expenses	(23,441)	(27,008)	(30,192)	(35,808)	(40,861)	(46,581)	(53,103)	(60,537)
Total commission and opex	(33,685)	(39,277)	(44,220)	(51,947)	(64,843)	(75,145)	(86,399)	(99,169)
Benefits Paid (Net)	66,222	70,149	92,772	99,792	1,33,212	1,39,852	1,55,632	1,79,500
Chg in reserves	66,394	1,96,686	1,64,581	1,50,603	2,57,486	2,48,834	2,72,994	3,08,826
Prov for doubtful debts								
Total expenses (B)	1,69,073	3,08,010	3,03,993	3,04,550	4,57,656	4,65,941	5,17,155	5,89,645
(A) - (B)	12,916	1,768	4,162	5,997	3,144	5,680	7,910	10,467
Prov for Tax	-	-	-	-	-	-	-	-
Surplus / Deficit	12,916	1,768	4,162	5,997	3,144	5,680	7,910	10,467
Shareholder's a/c (INR m)	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Transfer from technical a/c	4,690	3,864	2,781	4,563	2,612	4,720	6,573	8,698
Income From Investments	2,074	2,360	3,212	3,143	3,943	3,860	4,632	5,558
Total Income	6,781	6,351	6,033	7,858	6,858	8,883	11,508	14,559
Other expenses	292	739	707	785	900	1,017	1,149	1,299
Contribution to technical a/c	410	502	1,168	1,999	2,210	2,400	2,600	2,800
Total Expenses	701	1,241	1,874	2,784	3,110	3,417	3,749	4,099
РВТ	5,978	5,102	4,170	5,069	3,749	5,466	7,759	10,461
Prov for Tax	(585)	131	(303)	(694)	(152)	(328)	(466)	(628)
PAT	5,394	5,232	3,867	4,374	3,597	5,138	7,293	9,833
Growth	-3%	-3%	- <b>26%</b>	<b>13%</b>	-18%	<b>43%</b>	42%	35%
Balance sheet (INR m)	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Sources of Fund								
Share Capital	19,188	19,188	19,188	19,188	19,188	20,608	20,608	20,608
Reserves And Surplus	6,806	10,589	12,760	16,208	20,184	24,214	30,366	39,023
Shareholders' Fund	25,739	30,079	31,959	35,467	39,983	45,500	51,726	60,466
Policy Liabilities	4,54,807	5,58,936	6,72,822	8,05,354	9,73,550	11,68,260	14,01,911	16,82,294
Prov. for Linked Liab.	1,74,210	2,54,703	2,94,035	3,03,656	3,87,991	5,92,721	6,48,003	7,11,786
Funds For Future App.	30,962	29,819	32,369	35,803	38,727	42,600	46,860	51,546
Current liabilities & prov.	20,276	28,853	37,214	38,656	36,183	39,801	43,781	48,159
Total	6,97,448	9,12,228	10,83,335	12,42,553	15,38,216	17,85,873	20,81,033	24,33,938
Application of Funds	.,.,.	., ,	-,,->-	, ,-,-	-,,	,	.,. ,	,,
Shareholders' inv	32,581	38,484	51,477	55,042	58,484	70,181	84,217	1,01,060

Shareholders' inv	32,581	38,484	51,477	55,042	58,484	70,181	84,217	1,01,060
Policyholders' inv	4,60,484	5,81,847	6,89,187	8,21,021	10,08,078	12,09,694	14,51,633	17,41,959
Assets to cover linked liab.	1,91,642	2,83,736	3,34,432	3,52,502	4,41,793	4,68,300	4,96,398	5,26,182
Loans	4,264	5,322	6,661	9,248	10,605	16,225	24,825	37,982
Fixed Assets	2,187	2,213	2,604	3,452	4,153	4,859	5,685	6,652
Current assets	26,566	29,480	36,189	39,942	51,286	56,414	62,056	68,261
Total	6,97,448	9,12,228	10,83,335	12,42,553	15,38,216	17,85,873	20,81,033	24,33,938

## **Financials and valuations**

Operating ratios (%)	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Investment yield	3.3%	15.2%	9.0%	5.1%	12.4%	8.6%	7.8%	7.8%
Commissions / GWP	6.3%	6.5%	6.3%	6.4%	8.1%	8.3%	8.4%	8.5%
- first year premiums	-17.2%	-17.5%	-18.0%	-18.7%	-27.5%	-27.0%	-27.0%	-27.0%
- renewal premiums	-2.6%	-2.7%	-2.5%	-2.5%	-2.4%	-2.4%	-2.4%	-2.4%
- single premiums	-1.1%	-1.4%	-1.8%	-1.6%	-1.5%	-1.0%	-1.0%	-1.0%
Operating expenses / GWP	-14.5%	-14.2%	-13.5%	-14.1%	-13.8%	-13.5%	-13.4%	-13.3%
Total expense ratio	-20.8%	-20.7%	-19.7%	-20.5%	-22.0%	-21.8%	-21.8%	- <b>21.8%</b>
Claims / NWP	41.4%	37.4%	42.2%	40.1%	46.0%	41.4%	40.0%	40.2%
Solvency ratio	207%	202%	201%	193%	172%	195%	190%	158%
Persistency ratios (%)	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
13th Month	83.0%	84.0%	85.0%	84.0%	87.0%	88.0%	89.0%	90.0%
25th Month	71.0%	71.0%	68.0%	68.0%	70.0%	71.0%	72.0%	73.0%
37th Month	63.0%	63.0%	61.0%	62.0%	63.0%	63.5%	64.0%	64.5%
49th Month	59.0%	58.0%	56.0%	63.0%	66.0%	66.5%	67.0%	67.5%
61st Month	52.0%	54.0%	50.0%	58.0%	58.0%	58.5%	59.0%	59.5%
Profitability ratios (%)	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
New business margin (%)	21.6%	25.2%	27.4%	31.2%	26.5%	23.0%	24.5%	25.0%
RoE (%)	20.2%	18.7%	12.5%	13.0%	9.5%	12.0%	15.0%	17.5%
Operating RoEV	20.3%	18.6%	19.2%	22.1%	20.2%	19.0%	19.5%	19.4%
RoEV (%)	11.6%	18.6%	19.8%	14.7%	19.9%	19.0%	19.4%	19.3%
Valuation ratios	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Total AUM (INR b)	685	904	1,075	1,229	1,508	1,693	1,904	2,147
EPS (INR)	14.5	11.0	8.1	9.2	7.6	11.9	16.9	22.8
Value of new business (INRb)	9.0	12.5	15.3	19.5	19.7	20.7	25.7	30.5
Embedded Value (INR b)	99.8	118.4	141.8	162.6	194.9	231.9	277.0	330.6
EV Per share (INR)	209.7	248.7	297.9	341.8	409.7	537.8	642.4	766.7
P/EV (x) - after 20% holdco disc	6.7	5.6	4.7	4.1	3.4	2.6	2.2	1.8
P/EPS (x)	96.2	127.0	171.9	151.9	184.7	117.2	82.5	61.2
P/EVOP(x)	33.2	32.5	26.5	19.2	18.3	16.2	13.3	11.2
P/VNB(x)	67.1	48.2	39.4	30.9	30.5	29.1	23.4	19.8

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 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 Motial Oswal Financial Services Ltd. are available on the website at http://onlinereports.moti 20Details.pdf al.com/Dormant/documen

Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at <a href="https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx">https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx</a>

MOFSL, it's associates, Research Analyst or their relatives may have any financial interest in the subject company. MOFSL and/or its associates and/or Research Analyst or their relatives may have 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. MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may have any other potential conflict of interests at the time of publication of the research report or at the time of public appearance, 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.

In the past 12 months, MOFSL or any of its associates may have:

- a) received any compensation/other benefits from the subject company of this report
- b)
- managed or co-managed public offering of securities from subject company of this research report, received compensation for investment banking or merchant banking or brokerage services from subject company of this research report, c)
- received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company of this research report. d)
- MOFSL and it's associates have not received any compensation or other benefits from the subject company or third party in connection with the research report.
- Subject Company may have been a client of MOFSL or its associates during twelve months preceding the date of distribution of the research report.
- Research Analyst may have served as director/officer/employee in the subject company.

MOFSL and research analyst may engage in market making activity for the subject company.
 MOFSL and its associate company(ies), and Research Analyst and their relatives from time to time may have:

a) 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.

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. To enhance transparency, MOFSL has incorporated a Disclosure of Interest Statement in this document. This should, however, not be treated as endorsement of the views expressed in the 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.

#### 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.

#### 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.

Disclosure of Interest Statement	MAX Financial Services	
Disclosure of interest otatement	MAX I Indificial Gervices	
Analyst ownership of the stock	No	
Analysi ownership of the stock	INU	
A manufa of doily closing advise of convertion in	eventie between the second second second second between the second s	Descent Asshut investor Ophicst Operation menu part has deep forder anti-large and Tashrind

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 Financial Services Limited (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

## MOTILAL OSWAL

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. 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 of Singapore .Accordingly, if a Singapore person is not, or ceases to be, such an investor, they must immediately discontinue any use of this Report and inform MOCMSPL .

#### Disclaimer:

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

#### This report is meant for the clients of Motilal Oswal only.

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

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors. Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263; www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No:022-40548085.

### Grievance Redressal Cell:

Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com

Registration details of group entities :: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412 . AMFI: ARN .: 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products.

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.