

APL Apollo Tubes

India | Pipes | Result Update



3 August 2026

Margins stable despite weak volumes

APL Apollo Tubes (APAT IN) reported EBITDA of ~INR 4.1bn, up ~11% YoY, marginally below our estimate of ~INR 4.3bn, but broadly in line with consensus. The miss was primarily attributable to an ~INR 254/tonne rise in employee costs following the annual wage revision. The key positives in Q1 were: (1) gross profit/tonne improved by INR 1,125 QoQ and INR 2,010 YoY, driven by better price positioning and (2) management reiterated its ~20% EBITDA growth guidance for FY27 despite subdued volume performance in Q1FY27.

Going forward, we expect volume growth to accelerate as the pricing gap between primary and secondary steel pipes has narrowed down from the peak. We expect this gap to contract further by the end of FY27, supported by a recovery in sponge iron demand in H2FY27 on the back of seasonal demand. In addition, capacity expansion in newer geographies, pent-up demand from the Middle East, and channel restocking shall support volume growth. Further, the company's strategy to increase the share of value-added products from ~65% currently to 75–80% in the next two years should reduce earnings cyclicality. Thus, we reiterate **Accumulate**. We also raise our target price to INR 2,312 (from INR 2,213), rolling forward our valuation to 35.0x June 2028E P/E (from March 2028E previously).

Volume decline amid demand and supply disruptions: APAT's volumes declined ~6% YoY and ~19% QoQ to ~0.74mn tonnes, impacted by: (1) ~25,000 tonnes of lost volumes at its UAE operations due to the geopolitical crisis, (2) lower sales of the SG premium brand owing to a wider price gap between primary and secondary steel pipes, (3) ~25,000 tonnes of lost rust-proof pipe volumes due to gas shortages, and (4) channel destocking amid high inflation. Despite weak volumes, realization increased ~16% YoY and ~11% QoQ to INR 73,013/tonne, EBITDA/tonne increased ~18% YoY and remained largely flat QoQ at INR 5,522

Ongoing expansion to raise value-added share to ~75–80% by FY28: APAT is expanding its structural steel capacity from 5mn tonnes to 8mn tonnes by end-FY28 through a mix of greenfield and brownfield projects. The expansion includes 2mn tonnes across East (Gorakhpur and Siliguri), South (Malur), and West India, enhancing geographic reach and proximity to demand centers. In addition, 1mn tonnes of debottlenecking capacity will be created through plant modernization and replacement of conventional mills with faster, more efficient systems. Post commissioning, management expects the share of value-added products to increase from ~65% at end-Q1FY27 to ~75–80% by end-FY28,

Reiterate Accumulate with a higher TP of INR 2,312: With the pricing gap between primary and secondary steel narrowing down from its recent peaks, early signs of recovery in demand have emerged in Q2. Management indicated that July volumes rose ~20% MoM and is targeting ~1.0mn tonnes of sales in Q2FY27, implying ~17% YoY growth. We expect volume growth to accelerate further as newly commissioned capacities ramp up. Accordingly, we reiterate **Accumulate**. However, we trim our earnings estimates by ~2% for FY27E and ~1% each for FY28E–29E, factoring in weak Q1 volume. We raise our TP to INR 2,312 from INR 2,213, rolling forward our valuation to 35.0x June 2028E P/E (from March 2028E). Key risks to our outlook are a demand slowdown and delay in capacity additions.

Key Financials

YE March (INR mn)	FY25	FY26	FY27E	FY28E	FY29E
Revenue (INR mn)	206,895	230,790	279,509	327,472	380,359
YoY (%)	14.2	11.5	21.1	17.2	16.1
EBITDA (INR mn)	11,990	18,018	20,275	24,153	29,513
EBITDA margin (%)	5.8	7.8	7.3	7.4	7.8
Adj PAT (INR mn)	7,571	12,031	13,745	17,049	22,220
YoY (%)	3.4	58.9	14.2	24.0	30.3
Fully DEPS (INR)	27.3	43.3	49.5	61.4	80.0
RoE (%)	19.4	25.3	23.5	23.8	24.8
RoCE (%)	20.9	29.7	28.5	28.7	28.8
P/E (x)	71.2	44.8	39.2	31.6	24.3
EV/EBITDA (x)	44.6	29.7	26.4	22.2	18.1

Note: Pricing as on 03 August 2026; Source: Company, Elara Securities Estimate

Rating: **Accumulate**
 Target Price: **INR 2,312**
 Upside: **19%**
 CMP: **INR 1,942**
 As on 03 August 2026

Key data

Bloomberg	APAT IN
Reuters Code	APLA.NS
Shares outstanding (mn)	278
Market cap (INR bn/USD mn)	539/5,654
EV (INR bn/USD mn)	535/5,614
ADTV 3M (INR mn/USD mn)	1,339/14
52 week high/low	2,301/1,548
Free float (%)	72

Note: as on 03 August 2026; Source: Bloomberg

Price chart



Source: Bloomberg

	Q2 FY26	Q3 FY26	Q4 FY26	Q1 FY27
Shareholding (%)				
Promoter	28.3	28.3	28.3	28.3
% Pledge	0.0	0.0	0.0	0.0
FII	40.1	39.5	43.8	41.4
DII	18.9	19.9	16.1	18.6
Others	12.7	12.3	11.8	11.7

Source: BSE

Price performance (%)	3M	6M	12M
Nifty	2.7	(3.9)	0.2
APL Apollo Tubes	1.9	(9.2)	21.8
NSE Mid-cap	4.6	2.2	6.0
NSE Small-cap	7.5	12.9	6.7

Source: Bloomberg

Ravi Sodah

Cement, Metals & Mining

+91 22 6164 8517
 ravi.sodah@elaracapital.com

Associates
 Bhavi Shah
 bhavi.shah@elaracapital.com

Saurabh Singh
 saurabh.singh@elaracapital.com



Financials (YE March)

Income Statement (INR mn)	FY25	FY26	FY27E	FY28E	FY29E
Total Revenue	206,895	230,790	279,509	327,472	380,359
EBITDA	11,990	18,018	20,275	24,153	29,513
EBIT	9,977	15,709	17,714	21,195	26,224
Interest expense	1,333	1,254	1,259	910	610
Other income	961	1,119	1,631	2,599	4,211
PBT	9,604	15,574	18,085	22,884	29,825
Tax	2,034	3,543	4,340	5,835	7,605
Reported PAT	7,571	12,031	13,745	17,049	22,220
Adjusted PAT	7,571	12,031	13,745	17,049	22,220
Balance Sheet (INR mn)	FY25	FY26	FY27E	FY28E	FY29E
Shareholders' Equity	42,087	52,965	63,907	79,289	99,704
Trade Payables	22,312	23,683	28,409	33,240	38,449
Provisions & Other Current Liabilities	1,933	3,087	3,136	3,186	3,339
Total Borrowings	6,148	4,525	2,925	1,625	1,425
Other long term liabilities	3,482	4,073	4,111	4,149	4,187
Total liabilities & equity	75,962	88,333	102,487	121,489	147,103
Net Fixed Assets	38,660	42,512	46,950	51,992	54,153
Goodwill	1,375	1,375	1,375	1,375	1,375
Business Investments / other NC assets	4,098	5,905	5,959	6,014	7,668
Cash, Bank Balances & treasury investments	9,249	12,480	10,916	19,780	33,747
Inventories	16,232	14,453	24,858	29,085	33,643
Sundry Debtors	2,673	3,507	4,243	4,972	5,775
Other Current Assets	3,677	8,101	8,185	8,271	10,743
Total Assets	75,963	88,333	102,487	121,489	147,103
Cash Flow Statement (INR mn)	FY25	FY26	FY27E	FY28E	FY29E
Cashflow from Operations	12,190	21,032	9,502	18,176	19,455
Capital expenditure	(6,512)	(6,520)	(7,000)	(8,000)	(5,450)
Other Business cashflow	2,707	(7,418)	1,576	2,544	2,556
Free Cash Flow	8,385	7,094	4,078	12,720	16,561
Cashflow from Financing	(10,542)	(3,863)	(5,643)	(3,856)	(2,595)
Net Change in Cash / treasury investments	(2,157)	3,231	(1,564)	8,864	13,966
Key assumptions & Ratios	FY25	FY26	FY27E	FY28E	FY29E
Dividend per share (INR)	5.8	8.5	6.0	6.5	6.5
Book value per share (INR)	151.6	190.7	230.1	285.5	359.0
RoCE (Pre-tax) (%)	20.9	29.7	28.5	28.7	28.8
ROIC (Pre-tax) (%)	26.6	37.4	35.1	36.2	40.8
ROE (%)	19.4	25.3	23.5	23.8	24.8
Asset Turnover (x)	5.7	5.7	6.2	6.6	7.2
Net Debt to Equity (x)	(0.1)	(0.2)	(0.1)	(0.2)	(0.3)
Net Debt to EBITDA (x)	(0.3)	(0.4)	(0.4)	(0.8)	(1.1)
Interest cover (x)	9.0	14.4	16.1	26.5	48.4
Total Working capital days	14.3	19.6	23.8	30.9	43.4
Valuation	FY25	FY26	FY27E	FY28E	FY29E
P/E (x)	71.2	44.8	39.2	31.6	24.3
P/Sales (x)	2.6	2.3	1.9	1.6	1.4
EV/ EBITDA (x)	44.6	29.7	26.4	22.2	18.1
EV/ OCF (x)	43.9	25.4	56.3	29.4	27.5
FCF Yield (%)	1.6	1.3	0.8	2.4	3.1
Price to BV (x)	12.8	10.2	8.4	6.8	5.4
Dividend yield (%)	0.3	0.4	0.3	0.3	0.3

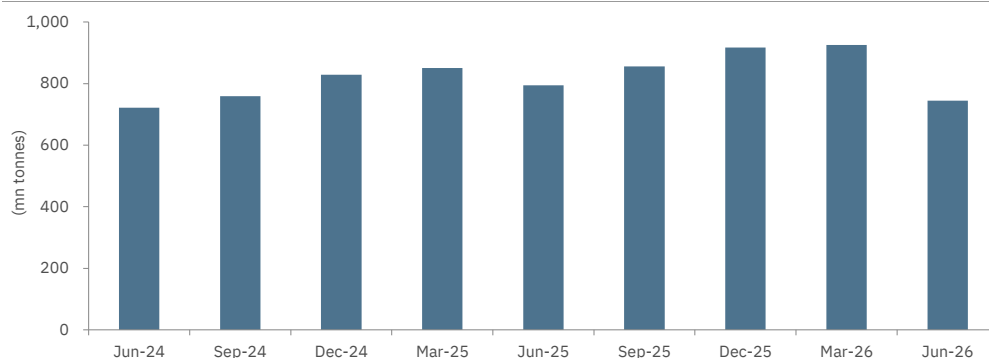
Note: Pricing as on 03 August 2026; Source: Company, Elara Securities Estimate

Exhibit 1: Quarterly financials

YE March (INR mn)	Q1FY27	Q1FY26	YoY (%)	Q4FY26	QoQ (%)	Q1FY27E	Variance (%)
Net Sale	54,382	50,028	8.7	60,760	(10.5)	51,896	4.8
Operating Expenses	51,954	47,978	8.3	57,581	(9.8)	49,489	5.0
% of Sales	95.5	95.9		94.8		95.4	
EBITDA	4,113	3,720	10.6	5,110	(20)	4,358	(5.6)
EBITDA Margins (%)	7.6	7.4		8.4		8.4	
Other Income	395	256	54.6	365	8.3	383	3.1
Interest	389	333	17.1	317	23.0	301	29.5
Depreciation	594	544	9.3	593	0.3	599	(0.7)
PBT	3,524	3,099	13.7	4,566	(22.8)	3,842	(8.3)
Tax	893	728	22.7	1,023	(12.7)	922	(3.1)
Effective Tax rate (%)	25.3	23.5		22.4		24.0	
Adjusted PAT	2,631	2,372	10.9	3,544	(25.7)	2,920	(9.9)
Reported PAT	2,631	2,372	10.9	3,544	(25.7)	2,920	(9.9)
NPM (%)	4.8	4.7		5.8		5.6	

Source: Company, Elara Securities Estimate

Exhibit 2: Volumes at seven-quarter lows



Source: Company, Elara Securities Estimate

Exhibit 3: Strong realization aids in maintaining margin despite volume weakness

	Q1FY27	Q1FY26	YoY (%)	Q4FY26	QoQ (%)
Volume ('000 tonnes)					
APL Apollo Brand	568.7	640.3	(11.2)	697.1	(18.4)
SG Premium brand	58.7	14.1	315.0	90.5	(35.2)
UAE operations	25.9	48.2	(46.2)	49.8	(48.0)
Roofing products	91.5	91.8	(0.3)	87.4	4.7
Total pipes volume	744.8	794.3	(6.2)	924.9	(19.5)
Blended realization per tonne (INR)	73,013	62,955	16.0	65,676	11.2
Costs per tonne (INR)	69,754	60,374	15.5	62,240	12.1
EBITDA/tonne (INR)	5,522	4,681	18.0	5,524	(0.0)

Source: Company, Elara Securities Research

Exhibit 4: Valuation

Particulars	June-28E
EPS (INR)	66.0
Target P/E (x)	35.0
TP (INR)	2,312
CMP (INR)	1,942
Upside (%)	19.1

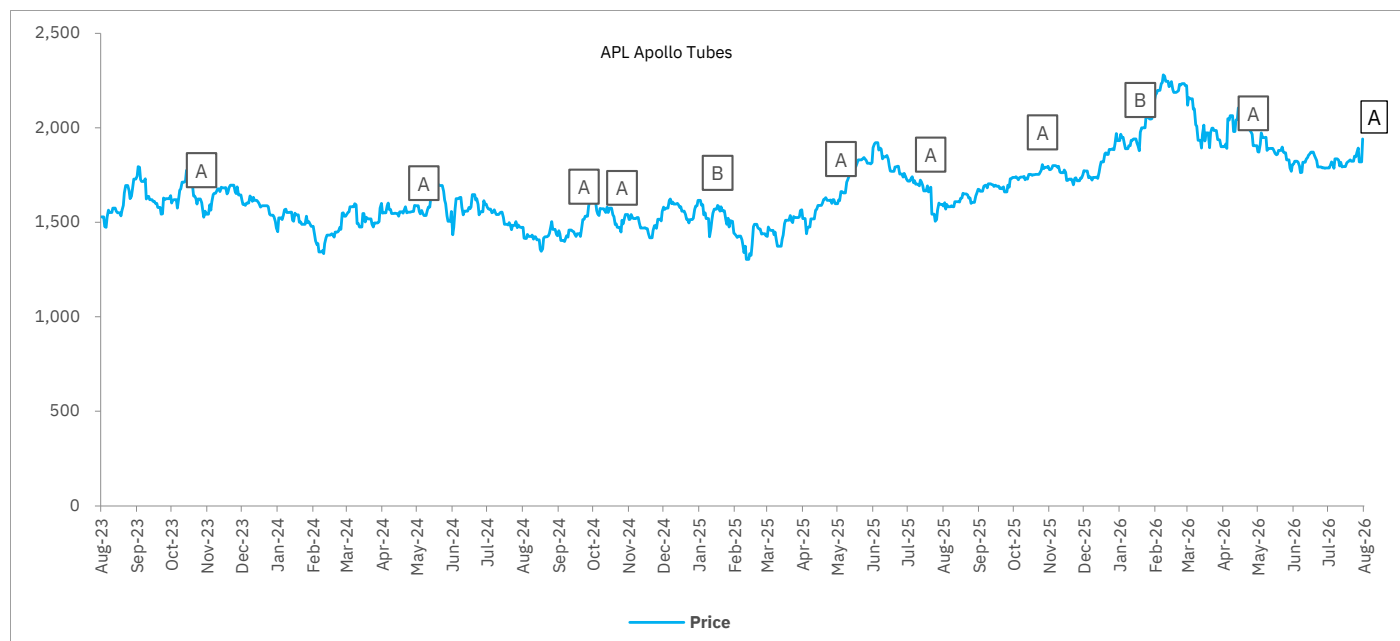
Note: Pricing as on 03 August 2026; Source: Elara Securities Estimate

Exhibit 5: Change in estimates

(INR mn)	Earlier estimates			Revised estimates			Change (%)		
	FY27E	FY28E	FY29E	FY27E	FY28E	FY29E	FY27E	FY28E	FY29E
Net revenue	268,845	313,420	371,685	279,509	327,472	380,359	4.0	4.5	2.3
EBITDA	20,732	24,440	29,830	20,275	24,153	29,513	(2.2)	(1.2)	(1.1)
PAT	14,172	17,556	22,633	13,745	17,049	22,220	(3.0)	(2.9)	(1.8)
Target price (INR)			2,213			2,312			4.5

Source: Elara Securities Estimate

Coverage History



Date	Rating	Target Price (INR)	Closing Price (INR)
30-Oct-2023	Accumulate	1,679	1,604
10-May-2024	Accumulate	1,628	1,535
26-Sep-2024	Accumulate	1,736	1,517
29-Oct-2024	Accumulate	1,682	1,510
20-Jan-2025	Buy	1,909	1,590
07-May-2025	Accumulate	1,909	1,663
24-Jul-2025	Accumulate	1,846	1,686
29-Oct-2025	Accumulate	1,938	1,805
22-Jan-2026	Buy	2,418	1,976
30-Apr-2026	Accumulate	2,213	1,905
03-Aug-2026	Accumulate	2,312	1,942

Guide to Research Rating

BUY (B)	Absolute Return >+20%
ACCUMULATE (A)	Absolute Return +5% to +20%
REDUCE (R)	Absolute Return -5% to +5%
SELL (S)	Absolute Return < -5%

Disclosures & Confidentiality for non U.S. Investors

The Note is based on our estimates and is being provided to you (herein referred to as the “Recipient”) only for information purposes. The sole purpose of this Note is to provide preliminary information on the business activities of the company and the projected financial statements in order to assist the recipient in understanding / evaluating the Proposal. Nothing in this document should be construed as an advice to buy or sell or solicitation to buy or sell the securities of companies referred to in this document. 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. Nevertheless, Elara Securities (India) Private Limited or any of its affiliates is committed to provide independent and transparent recommendation to its client and would be happy to provide any information in response to specific client queries. Elara Securities (India) Private Limited or any of its affiliates have not independently verified all the information given in this Note and expressly disclaim all liability for any errors and/or omissions, representations or warranties, expressed or implied as contained in this Note. The user assumes the entire risk of any use made of this information. Elara Securities (India) Private Limited or any of its affiliates, 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 Note. Each of these entities functions as a separate, distinct and independent of each other. This Note is strictly confidential and is being furnished to you solely for your information. This Note should not be reproduced or redistributed or passed on directly or indirectly in any form to any other person or published, copied, in whole or in part, for any purpose. This Note 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 Elara Securities (India) Private Limited or any of its affiliates to any registration or licensing requirements within such jurisdiction. The distribution of this document in certain jurisdictions may be restricted by law, and persons in whose possession this document comes, should inform themselves about and observe, any such restrictions. Upon request, the Recipient will promptly return all material received from the company and/or the Advisors without retaining any copies thereof. The Information given in this document is as of the date of this report and there can be no assurance that future results or events will be consistent with this information. This Information is subject to change without any prior notice. Elara Securities (India) Private Limited or any of its affiliates reserves the right to make modifications and alterations to this statement as may be required from time to time. However, Elara Securities (India) Private Limited is under no obligation to update or keep the information current. Neither Elara Securities (India) Private Limited nor any of its affiliates, group companies, directors, employees, agents or representatives shall be liable for any damages whether direct, indirect, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. This Note should not be deemed an indication of the state of affairs of the company nor shall it constitute an indication that there has been no change in the business or state of affairs of the company since the date of publication of this Note. The disclosures of interest statements incorporated in this document are provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. Elara Securities (India) Private Limited generally prohibits its analysts, persons reporting to analysts and their family members from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

Any clarifications / queries on the proposal as well as any future communication regarding the proposal should be addressed to Elara Securities (India) Private Limited. It is important to note that any dispute with respect to this research report, would not have access to stock exchange investor redressal forum or arbitration mechanism.

Elara Securities (India) Private Limited was incorporated in July 2007 as a subsidiary of Elara Capital (India) Private Limited.

Elara Securities (India) Private Limited is a SEBI registered Stock Broker in the Capital Market and Futures & Options Segments of National Stock Exchange of India Limited [NSE] and BSE Limited [BSE] and a Depository Participant registered with Central Depository Services (India) Limited [CDSL].

Elara Securities (India) Private Limited's business, amongst other things, is to undertake all associated activities relating to its broking business.

The activities of Elara Securities (India) Private Limited were neither suspended nor has it defaulted with any stock exchange authority with whom it is registered in last five years. However, during the routine course of inspection and based on observations, the exchanges have issued advise letters or levied minor penalties on Elara Securities (India) Private Limited for minor operational deviations in certain cases. Elara Securities (India) Private Limited has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has the certificate of registration been cancelled by SEBI at any point of time.

Elara Securities (India) Private Limited offers research services primarily to institutional investors and their employees, directors, fund managers, advisors who are registered or proposed to be registered.

Details of Associates of Elara Securities (India) Private Limited are available on group company website www.elaracapital.com

Elara Securities (India) Private Limited is maintaining arms-length relationship with its associate entities.

Research Analyst or his/her relative(s) may have financial interest in the subject company. Elara Securities (India) Private Limited does not have any financial interest in the subject company, whereas its associate entities may have financial interest. Research Analyst or his/her relative does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of Research Report. Elara Securities (India) Private Limited does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of Research Report. Associate entities of Elara Securities (India) Private Limited may have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of Research Report. Research Analyst or his/her relative or Elara Securities (India) Private Limited or its associate entities does not have any other material conflict of interest at the time of publication of the Research Report.

Artificial Intelligence (AI) tools may have been used only for compilation or collating publicly available research data or internally generated research data during the information gathering and/or summarizing the final report.

Research Analyst or his/her relative(s) has not served as an officer, director or employee of the subject company.

Research analyst or Elara Securities (India) Private Limited have not received any compensation from the subject company in the past twelve months. Associate entities of Elara Securities (India) Private Limited may have received compensation from the subject company in the past twelve months. Research analyst or Elara Securities (India) Private Limited or its associate entities have not managed or co-managed public offering of securities for the subject company in the past twelve months. Research analyst or Elara Securities (India) Private Limited or its associates have not received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months. Research analyst or Elara Securities (India) Private Limited or its associate entities may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company or third party in connection with the Research Report in the past twelve months.

Disclaimer & Standard warning

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

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

Disclaimer for non U.S. Investors

The information contained in this note is of a general nature and is not intended to address the circumstances of any particular individual or entity. Although we endeavor to provide accurate and timely information, there can be no guarantee that such information is accurate as of the date it is received or that it will continue to be accurate in the future. No one should act on such information without appropriate professional advice after a thorough examination of the particular situation.

Disclosures for U.S. Investors

Rule 15a6 Disclosure: This research report ("Report") was prepared, approved, published, and distributed by Elara Securities (India) Private Limited a company located outside of the United States (the "Foreign Counterparty"). Avior Capital Markets US LLC ("Avior US"), a US registered broker-dealer, distributes this Report in the US on behalf of the Foreign Counterparty. Only major U.S. institutional investors (as defined in Rule 15a-6 under the US Securities Exchange Act of 1934 (the "Exchange Act")) may receive this Report under the exemption in Rule 15a-6. A US institutional investor must effect any transaction in the securities described in this Report through Avior US.

Neither the Report nor any analyst who prepared or approved the Report is subject to US legal requirements or the Financial Industry Regulatory Authority, Inc. ("FINRA") or other US regulatory requirements concerning research reports or research analysts. The Foreign Counterparty is not a registered broker-dealer under the Exchange Act nor is it a member of the Financial Industry Regulatory Authority, Inc., or any other US self-regulatory organisation.

Disclosures on Subject Companies: Analysts of the Foreign Counterparty produced this material solely for informational purposes and the use of the intended recipient. No person may reproduce, this Report under any circumstances. No person may copy or make this Report available to any other person other than the intended recipient.

Avior US distributes this Report in the United States of America. The Foreign Counterparty distributes this Report elsewhere in the world. This document is not an offer, or invitation by or on behalf of Avior US, the Foreign Counterparty, their affiliates, or any other person, to buy or sell any security.

Avior US and the Foreign Counterparty and their affiliates obtained the information contained herein from published information and other sources, which Avior US and the Foreign Counterparty and their affiliates reasonably consider to be reliable.

Avior US and the Foreign Counterparty accept no liability or responsibility whatsoever for the accuracy or completeness of any such information. All estimates, expressions of opinion and other subjective judgments contained herein are valid as of the date of this document. Avior US assumes responsibility for the Report content with regards to research distributed in the US.

Neither Avior US nor the Foreign Counterparty has managed or co-managed a public offering of securities for the subject company in the past 12 months, have not received compensation for investment banking services from the subject company in the past 12 months and do not expect to receive and does not intend to seek compensation for investment banking services from the subject company in the next three months. Avior US and the Foreign Counterparty have not owned any class of equity securities of the subject company. There are no other actual, material conflicts of interest of Avior US and the Foreign Counterparty at the time of the publication of this Report. As of the publication of this Report, Avior US nor the Foreign Counterparty makes a market in the subject securities.

Avior US and its affiliates, to the fullest extent permissible by law, accept no liability of any nature whatsoever for any claims, damages or losses arising from, or in connection with, the contents of this Report or the use, reliance, publication, distribution, dissemination, disclosure, alteration or reproduction of this Report, or any views or recommendations recorded therein.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: (i) exchange rates can be volatile and are subject to large fluctuations; (ii) the value of currencies may be affected by numerous market factors, including world and national economic, political and regulatory events, events in equity and debt markets and changes in interest rates; and (iii) currencies may be subject to devaluation or government imposed exchange controls which could affect the value of the currency. Investors in securities such as ADRs, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Subject to the applicable laws, all transactions should be executed through Avior US. Aside from within this Report, important conflict disclosures can also be found at <https://aviorcapital.us/us-regulatory-disclosures/and> Investors are strongly encouraged to review this information before investing.

Additional Disclaimer for UK Investors

Note that Elara Securities (India) Private Limited ("Foreign Counterparty") has concluded a MiFID II research intermediary agreement with Avior Capital Markets International Limited ("Avior UK"), regulated by the Financial Conduct Authority (FRN: 191074), pursuant to which Avior UK distributes the Foreign Counterparty's research in the UK, in return for which the Foreign Counterparty pays Avior UK a percentage of the income received in relation to such research. This research report including any recommendations recorded therein ("Report") have been prepared by the Foreign Counterparty, and not by Avior UK.

The Report: (a) has been objectively prepared from public sources which are believed to be reliable and therefore constitutes independent investment research and is presented as such; and (b) may only be distributed to, and relied on by, qualifying investors, who are permitted to receive same in the UK.

Securities, money market instruments, strategies, financial or investment instruments mentioned in this Report may not be suitable for all investors. The information and opinions provided in this Report do not constitute a personal recommendation/investment advice and take no account of the investor's individual circumstances. Investors should consider this Report as only a single factor in making any investment decisions and, if appropriate, should seek advice from an investment advisor. This Report is not an offer, or invitation by or on behalf of Avior UK, the Foreign Counterparty, their affiliates, or any other person, to buy or sell any security.

Save as disclosed otherwise, the Foreign Counterparty's relationship with Avior UK is not reasonably expected to impair the objective presentation of the recommendations in the Report, including any interests or conflicts of interest concerning any financial instruments or the issuers to which the recommendations, directly or indirectly, relate. The Report is deemed to be first disseminated at the date and time recorded on the relevant distribution platform, data network or email (as applicable), and which information is available on request. A list of the Foreign Counterparty's research reports disseminated in the UK over the past 12 months is also available on request.

Avior UK does not assume any responsibility or liability of any nature whatsoever arising from or in connection with the content, use, reliance or dissemination of the Report or any recommendation in respect thereof and disclaims any such liability.

Certification by Each of the Authors of this Report

The analyst(s) (singular includes plural) ("Analyst") certifies that the views expressed in this Report are an accurate representation of the Analyst's personal opinions on the stock or sector as covered and reported on by the Analyst hereinabove. The Analyst furthermore certifies that no part of the Analyst's compensation was, is, or will be related, directly or indirectly, to the specific recommendations or views as expressed in this document. The Analyst is principally responsible for the preparation of this Report and does not have any material conflict of interest at the time of publication of this Report. The Analyst(s) has not served as an officer, director or employee of the subject company in the last 12-month period ending on the last day of the month immediately preceding the date of publication of the Report.

Analyst Certification: In connection with the companies or securities that; each analyst identified in this Report certifies that: The views expressed on the subject companies and securities in this Report reflect their personal views. No part of his or her compensation was, is or will be directly or indirectly dependent on the specific recommendations or views expressed in this Report.

Note that:

- (i) The Foreign Counterparty is the employer of the research analyst(s) responsible for the content of this Report, and
- (ii) Research analysts preparing this Report are resident outside the United States and are not associated persons of any US regulated broker-dealer. Therefore, the analyst(s) are not subject to supervision by a US broker-dealer and are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with US rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

Avior Capital Markets US, LLC is a FINRA registered broker-dealer (CRD # 172595) formed for that purpose in the State of Delaware with its principal office at 45 Rockefeller Plaza, Suite 2335, New York, New York 10111.

Avior Capital Markets International Limited is regulated by the Financial Conduct Authority (FRN: 191074), with its principal office at 10 South Street, Elgin, Scotland IV30 1LE.

Elara Securities (India) Private Limited is a SEBI-registered Research Analyst (Regn. No.: INH000000933), Stock Broker (Regn. No.: INZ000238236) and Depository Participant (Regn. No.: IN-DP-370-2018). Its registered address is One International Center, Tower 3, 21st Floor, Senapati Bapat Marg, Elphinstone Road (West) Mumbai – 400 013, India

India Elara Securities (India) Private Limited One International Center, Tower 3, 21st Floor, Senapati Bapat Marg, Elphinstone Road (West) Mumbai – 400 013, India Tel : +91 22 6164 8500	Europe Elara Capital Plc. 6th Floor, The Grove, 248A Marylebone Road, London, NW1 6JZ, United Kingdom Tel : +44 20 7486 9733	USA Elara Securities Inc. 950 Third Avenue, Suite 1900 New York, NY 10022 United States Tel: +1 212 430 5870 Fax: +1 212 208 2501	Asia / Pacific Elara Capital (Singapore) Pte.Ltd. One Marina Boulevard, Level 20, Singapore 018989 Tel : +65 6978 4047
---	--	--	---



Managing Director

Harendra Kumar | harendra.kumar@elaracapital.com | +91 22 6164 8571



Head of Sales

Prashin Lalvani - prashin.lalvani@elaracapital.com - +91 22 6164 8544



Head of Research

Dr Bino Pathiparampil | bino.pathiparampil@elaracapital.com | +91 22 6164 8572



Deputy Head of Research & Strategist

Garima Kapoor | garima.kapoor@elaracapital.com | +91 22 6164 8527

Sales Team



India & UK

Prashin Lalvani - prashin.lalvani@elaracapital.com - +91 22 6164 8544



India

Ashok Agarwal - ashok.agarwal@elaracapital.com - +91 22 6164 8558
Himani Sanghavi - himani.sanghavi@elaracapital.com - +91 22 6164 8586
Pooja Soni - pooja.soni@elaracapital.com - +91 22 6164 8558



India, APAC & Australia

Sudhanshu Rajpal - sudhanshu.rajpal@elaracapital.com - +91 22 6164 8508
Joshua Saldanha - joshua.saldanha@elaracapital.com - +91 22 6164 8541
Shraddha Shrikhande - shraddha.shrikhande@elaracapital.com - +91 22 6164 8567
Suyash Maheshwari - suyash.maheshwari@elaracapital.com - +91 22 4204 8698



India & US

Karan Rathod - karan.rathod@elaracapital.com - +91 22 6164 8570



Corporate Access, Conference & Events

Anita Nazareth - anita.nazareth@elaracapital.com - +91 22 6164 8520
Tina D'souza - tina.dsouza@elaracapital.com - +91 22 6164 8595

By clicking this link, you acknowledge and agree to the [Terms and Conditions of Research Services](#)
 Access our reports on Bloomberg: Type **RESP ESEC <GO>**

Also available on **Thomson & Reuters**

Elara Securities (India) Private Limited
 Registered Office Address: One International Center, Tower 3, 21st Floor, Senapati Bapat Marg, Elphinstone Road (West) Mumbai – 400 013, India Tel : +91 22 6164 8500
 CIN: U74992MH2007PTC172297 | SEBI Research Analyst Registration No.: INH000000933
 Member of BSE Limited and National Stock Exchange of India Limited | SEBI REGN. NO.: INZ000238236
 Member of Central Depository Services (India) Limited | SEBI REGN. NO.: IN-DP-370-2018
 Investor Grievance Email ID: investor.grievances@elaracapital.com - Tel. +91 22 6164 8509
 Compliance Officer: Mr. Anand Rao - Email ID: anand.rao@elaracapital.com - Tel. +91 22 6164 8509