



### Commodity Research - Metals & Energy

**November 22, 2024** 

| Commodity         High         Low         Close         Chg         % Chg           COMEX PRECIOUS METALS           Gold (\$/toz)         2676.5         2651.6         2674.9         23.2         0.87           Silver (\$/toz)         31.380         30.715         30.943         -0.1         -0.20           MCX PRECIOUS METALS           Gold (Rs/10 gram)         76765         76119         76693         1106.0         0.87           Silver (Rs/kg)         90927         89374         89925         -695.0         -0.18           ENERGY           Brent Crude oil (\$/bbl)         74.4         72.9         74.2         1.4         1.95           WTI Crude oil (\$/bbl)         70.4         68.9         70.1         1.3         1.96           NYMEX NG (\$/MMBtu)         3.451         3.195         3.339         0.1         4.57           MCX ENERGY           Crude oil (Rs/bbl)         5958.0         5826.0         5905.0         47.0         1.32           Natural Gas (Rs/MBtu)         291.8         270.8         278.2         23.0         3.81           LME BASE METALS (\$/tonne)         2650.0         2620.0         2631.5 <th>Non</th> <th>Agri Com</th> <th>modity pr</th> <th>ices as on</th> <th>21-N</th> <th>ov-24</th>   | Non                        | Agri Com | modity pr | ices as on | 21-N   | ov-24 |
|---|----------------------------|----------|-----------|------------|--------|-------|
| COMEX PRECIOUS METALS Gold (\$/toz) 2676.5 2651.6 2674.9 23.2 0.87 Silver (\$/toz) 31.380 30.715 30.943 -0.1 -0.20  MCX PRECIOUS METALS Gold (Rs/10 gram) 76765 76119 76693 1106.0 0.87 Silver (Rs/kg) 90927 89374 89925 -695.0 -0.18  ENERGY Brent Crude oil (\$/bbl) 74.4 72.9 74.2 1.4 1.95 WTI Crude oil (\$/bbl) 70.4 68.9 70.1 1.3 1.96 NYMEX NG (\$/MMBtu) 3.451 3.195 3.339 0.1 4.57  MCX ENERGY Crude oil (Rs/bbl) 5958.0 5826.0 5905.0 47.0 1.32 Natural Gas (Rs/MMBtu) 291.8 270.8 278.2 23.0 3.81  LME BASE METALS (\$/tonne)  Copper 9141.0 9002.0 9008.5 -81.0 -0.89 Aluminium 2650.0 2620.0 2631.5 -12.5 -0.47 Lead 2024.0 1982.5 1999.0 -22.0 -1.09 Zinc 3019.0 2963.0 2990.0 2.5 0.08  MCX BASE METALS (Rs/kg) Copper 830.5 816.1 824.5 13.1 0.81  |                            |          |           |            | Chg    | % Chg |
| Silver (\$/toz)       31.380       30.715       30.943       -0.20         MCX PRECIOUS METALS         Gold (Rs/10 gram)       76765       76119       76693       1106.0       0.87         Silver (Rs/kg)       90927       89374       89925       -695.0       -0.18         ENERGY         Brent Crude oil (\$/bbl)       74.4       72.9       74.2       1.4       1.95         WTI Crude oil (\$/bbl)       70.4       68.9       70.1       1.3       1.96         NYMEX NG (\$/MMBtu)       3.451       3.195       3.339       0.1       4.57         MCX ENERGY         Crude oil (Rs/bbl)       5958.0       5826.0       5905.0       47.0       1.32         Natural Gas (Rs/MMBtu)       291.8       270.8       278.2       23.0       3.81         LIME BASE METALS (\$/tonne)         Copper       9141.0       9002.0       9008.5       -81.0       -0.89         Aluminium       2650.0       2620.0       2631.5       -12.5       -0.47         Lead       2024.0       1982.5       1999.0       -22.0       -1.09         Zinc  | COMEX PRECIOUS METALS      |          |           |            |        |       |
| MCX PRECIOUS METALS           Gold (Rs/10 gram)         76765         76119         76693         1106.0         0.87           Silver (Rs/kg)         90927         89374         89925         -695.0         -0.18           ENERGY           Brent Crude oil (\$/bbl)         74.4         72.9         74.2         1.4         1.95           WTI Crude oil (\$/bbl)         70.4         68.9         70.1         1.3         1.96           NYMEX NG (\$/MMBtu)         3.451         3.195         3.339         0.1         4.57           MCX ENERGY           Crude oil (Rs/bbl)         5958.0         5826.0         5905.0         47.0         1.32           Natural Gas (Rs/MMBtu)         291.8         270.8         278.2         23.0         3.81           LME BASE METALS (\$/tonne)         Copper         9141.0         9002.0         9008.5         -81.0         -0.89           Aluminium         2650.0         2620.0         2631.5         -12.5         -0.47           Lead         2024.0         1982.5         1999.0         -22.0         -1.09           Zinc         3019.0         2963.0         2990.0         2.5         0.08 <td>Gold (\$/toz)</td> <td>2676.5</td> <td>2651.6</td> <td>2674.9</td> <td>23.2</td> <td>0.87</td>   | Gold (\$/toz)              | 2676.5   | 2651.6    | 2674.9     | 23.2   | 0.87  |
| Gold (Rs/10 gram) 76765 76119 76693 1106.0 0.87 Silver (Rs/kg) 90927 89374 89925 -695.0 -0.18 ENERGY  Brent Crude oil (\$/bbl) 74.4 72.9 74.2 1.4 1.95 WTI Crude oil (\$/bbl) 70.4 68.9 70.1 1.3 1.96 NYMEX NG (\$/MMBtu) 3.451 3.195 3.339 0.1 4.57 MCX ENERGY  Crude oil (Rs/bbl) 5958.0 5826.0 5905.0 47.0 1.32 Natural Gas (Rs/MMBtu) 291.8 270.8 278.2 23.0 3.81 LME BASE METALS (\$/tonne)  Copper 9141.0 9002.0 9008.5 -81.0 -0.89 Aluminium 2650.0 2620.0 2631.5 -12.5 -0.47 Lead 2024.0 1982.5 1999.0 -22.0 -1.09 Zinc 3019.0 2963.0 2990.0 2.5 0.08 MCX BASE METALS (Rs/kg)  Copper 830.5 816.1 824.5 13.1 0.81   | Silver (\$/toz)            | 31.380   | 30.715    | 30.943     | -0.1   | -0.20 |
| Silver (Rs/kg)       90927       89374       89925       -695.0       -0.18         ENERGY         Brent Crude oil (\$/bbl)       74.4       72.9       74.2       1.4       1.95         WTI Crude oil (\$/bbl)       70.4       68.9       70.1       1.3       1.96         NYMEX NG (\$/MMBtu)       3.451       3.195       3.339       0.1       4.57         MCX ENERGY         Crude oil (Rs/bbl)       5958.0       5826.0       5905.0       47.0       1.32         Natural Gas (Rs/MMBtu)       291.8       270.8       278.2       23.0       3.81         LME BASE METALS (\$/tonne)       Copper       9141.0       9002.0       9008.5       -81.0       -0.89         Aluminium       2650.0       2620.0       2631.5       -12.5       -0.47         Lead       2024.0       1982.5       1999.0       -22.0       -1.09         Zinc       3019.0       2963.0       2990.0       2.5       0.08         MCX BASE METALS (Rs/kg)         Copper       830.5       816.1       824.5       13.1       0.81   | MCX PRECIOUS METALS        |          |           |            |        |       |
| ENERGY         Brent Crude oil (\$/bbl)       74.4       72.9       74.2       1.4       1.95         WTI Crude oil (\$/bbl)       70.4       68.9       70.1       1.3       1.96         NYMEX NG (\$/MMBtu)       3.451       3.195       3.339       0.1       4.57         MCX ENERGY         Crude oil (Rs/bbl)       5958.0       5826.0       5905.0       47.0       1.32         Natural Gas (Rs/MMBtu)       291.8       270.8       278.2       23.0       3.81         LME BASE METALS (\$/tonne)       Copper       9141.0       9002.0       9008.5       -81.0       -0.89         Aluminium       2650.0       2620.0       2631.5       -12.5       -0.47         Lead       2024.0       1982.5       1999.0       -22.0       -1.09         Zinc       3019.0       2963.0       2990.0       2.5       0.08         MCX BASE METALS (Rs/kg)         Copper       830.5       816.1       824.5       13.1       0.81   | Gold (Rs/10 gram)          | 76765    | 76119     | 76693      | 1106.0 | 0.87  |
| Brent Crude oil (\$/bbl) 74.4 72.9 74.2 1.4 1.95 WTI Crude oil (\$/bbl) 70.4 68.9 70.1 1.3 1.96 NYMEX NG (\$/MMBtu) 3.451 3.195 3.339 0.1 4.57  MCX ENERGY Crude oil (Rs/bbl) 5958.0 5826.0 5905.0 47.0 1.32 Natural Gas (Rs/MMBtu) 291.8 270.8 278.2 23.0 3.81  LME BASE METALS (\$/tonne) Copper 9141.0 9002.0 9008.5 -81.0 -0.89 Aluminium 2650.0 2620.0 2631.5 -12.5 -0.47 Lead 2024.0 1982.5 1999.0 -22.0 -1.09 Zinc 3019.0 2963.0 2990.0 2.5 0.08  MCX BASE METALS (Rs/kg) Copper 830.5 816.1 824.5 13.1 0.81   | Silver (Rs/kg)             | 90927    | 89374     | 89925      | -695.0 | -0.18 |
| WTI Crude oil (\$/bbl) 70.4 68.9 70.1 1.3 1.96 NYMEX NG (\$/MMBtu) 3.451 3.195 3.339 0.1 4.57  MCX ENERGY  Crude oil (Rs/bbl) 5958.0 5826.0 5905.0 47.0 1.32 Natural Gas (Rs/MMBtu) 291.8 270.8 278.2 23.0 3.81  LME BASE METALS (\$/tonne)  Copper 9141.0 9002.0 9008.5 -81.0 -0.89 Aluminium 2650.0 2620.0 2631.5 -12.5 -0.47 Lead 2024.0 1982.5 1999.0 -22.0 -1.09 Zinc 3019.0 2963.0 2990.0 2.5 0.08  MCX BASE METALS (Rs/kg)  Copper 830.5 816.1 824.5 13.1 0.81   | ENERGY                     |          |           |            |        |       |
| NYMEX NG (\$/MMBtu) 3.451 3.195 3.339 0.1 4.57  MCX ENERGY  Crude oil (Rs/bbl) 5958.0 5826.0 5905.0 47.0 1.32  Natural Gas (Rs/MMBtu) 291.8 270.8 278.2 23.0 3.81  LME BASE METALS (\$/tonne)  Copper 9141.0 9002.0 9008.5 -81.0 -0.89  Aluminium 2650.0 2620.0 2631.5 -12.5 -0.47  Lead 2024.0 1982.5 1999.0 -22.0 -1.09  Zinc 3019.0 2963.0 2990.0 2.5 0.08  MCX BASE METALS (Rs/kg)  Copper 830.5 816.1 824.5 13.1 0.81  | Brent Crude oil (\$/bbl)   | 74.4     | 72.9      | 74.2       | 1.4    | 1.95  |
| MCX ENERGY           Crude oil (Rs/bbl)         5958.0         5826.0         5905.0         47.0         1.32           Natural Gas (Rs/MMBtu)         291.8         270.8         278.2         23.0         3.81           LME BASE METALS (\$/tonne)         Copper         9141.0         9002.0         9008.5         -81.0         -0.89           Aluminium         2650.0         2620.0         2631.5         -12.5         -0.47           Lead         2024.0         1982.5         1999.0         -22.0         -1.09           Zinc         3019.0         2963.0         2990.0         2.5         0.08           MCX BASE METALS (Rs/kg)           Copper         830.5         816.1         824.5         13.1         0.81   | WTI Crude oil (\$/bbl)     | 70.4     | 68.9      | 70.1       | 1.3    | 1.96  |
| Crude oil (Rs/bbl)       5958.0       5826.0       5905.0       47.0       1.32         Natural Gas (Rs/MMBtu)       291.8       270.8       278.2       23.0       3.81         LME BASE METALS (\$/tonne)       USA PRINT P | NYMEX NG (\$/MMBtu)        | 3.451    | 3.195     | 3.339      | 0.1    | 4.57  |
| Natural Gas (Rs/MMBtu)       291.8       270.8       278.2       23.0       3.81         LME BASE METALS (\$/tonne)         Copper       9141.0       9002.0       9008.5       -81.0       -0.89         Aluminium       2650.0       2620.0       2631.5       -12.5       -0.47         Lead       2024.0       1982.5       1999.0       -22.0       -1.09         Zinc       3019.0       2963.0       2990.0       2.5       0.08         MCX BASE METALS (Rs/kg)         Copper       830.5       816.1       824.5       13.1       0.81  | MCX ENERGY                 |          |           |            |        |       |
| LME BASE METALS (\$/tonne)         Copper       9141.0       9002.0       9008.5       -81.0       -0.89         Aluminium       2650.0       2620.0       2631.5       -12.5       -0.47         Lead       2024.0       1982.5       1999.0       -22.0       -1.09         Zinc       3019.0       2963.0       2990.0       2.5       0.08         MCX BASE METALS (Rs/kg)         Copper       830.5       816.1       824.5       13.1       0.81   | Crude oil (Rs/bbl)         | 5958.0   | 5826.0    | 5905.0     | 47.0   | 1.32  |
| Copper       9141.0       9002.0       9008.5       -81.0       -0.89         Aluminium       2650.0       2620.0       2631.5       -12.5       -0.47         Lead       2024.0       1982.5       1999.0       -22.0       -1.09         Zinc       3019.0       2963.0       2990.0       2.5       0.08         MCX BASE METALS (Rs/kg)         Copper       830.5       816.1       824.5       13.1       0.81  | Natural Gas (Rs/MMBtu)     | 291.8    | 270.8     | 278.2      | 23.0   | 3.81  |
| Aluminium 2650.0 2620.0 2631.5 -12.5 -0.47 Lead 2024.0 1982.5 1999.0 -22.0 -1.09 Zinc 3019.0 2963.0 2990.0 2.5 0.08  MCX BASE METALS (Rs/kg)  Copper 830.5 816.1 824.5 13.1 0.81  | LME BASE METALS (\$/tonne) |          |           |            |        |       |
| Lead       2024.0       1982.5       1999.0       -22.0       -1.09         Zinc       3019.0       2963.0       2990.0       2.5       0.08         MCX BASE METALS (Rs/kg)         Copper       830.5       816.1       824.5       13.1       0.81   | Copper                     | 9141.0   | 9002.0    | 9008.5     | -81.0  | -0.89 |
| Zinc 3019.0 2963.0 2990.0 2.5 0.08  MCX BASE METALS (Rs/kg)  Copper 830.5 816.1 824.5 13.1 0.81   | Aluminium                  | 2650.0   | 2620.0    | 2631.5     | -12.5  | -0.47 |
| MCX BASE METALS (Rs/kg)  Copper 830.5 816.1 824.5 13.1 0.81   | Lead                       | 2024.0   | 1982.5    | 1999.0     | -22.0  | -1.09 |
| Copper 830.5 816.1 824.5 <b>13.1 0.81</b>   | Zinc                       | 3019.0   | 2963.0    | 2990.0     | 2.5    | 0.08  |
| • •   | MCX BASE METALS (Rs/kg)    |          |           |            |        |       |
| Aluminium 246.3 243.3 245.4 <b>1.2 0.47</b>   | Copper                     | 830.5    | 816.1     | 824.5      | 13.1   | 0.81  |
|   | Aluminium                  | 246.3    | 243.3     | 245.4      | 1.2    | 0.47  |
| Lead 181.8 179.4 180.5 -0.7 -0.39   | Lead                       | 181.8    | 179.4     | 180.5      | -0.7   | -0.39 |
| Zinc 281.0 276.4 280.6 <b>2.2 0.48</b>  | Zinc                       | 281.0    | 276.4     | 280.6      | 2.2    | 0.48  |
| CURRENCIES  |                            |          |           |            |        |       |
| Dollar Index 107.2 106.5 107.0 <b>0.3 0.27</b>  | Dollar Index               | 107.2    | 106.5     | 107.0      | 0.3    | 0.27  |
| Euro/USD 1.056 1.046 1.047 <b>0.0</b> - <b>0.66</b>   | Euro/USD                   | 1.056    | 1.046     | 1.047      | 0.0    | -0.66 |
| GBP/USD 1.266 1.258 1.259 <b>0.0</b> - <b>0.50</b>  | GBP/USD                    | 1.266    | 1.258     | 1.259      | 0.0    | -0.50 |
| USD/YEN 155.5 153.9 154.5 -0.9 -0.58  | USD/YEN                    | 155.5    | 153.9     | 154.5      | -0.9   | -0.58 |
| USD/INR 84.5 84.4 84.5 <b>0.1 0.10</b>  | USD/INR                    | 84.5     | 84.4      | 84.5       | 0.1    | 0.10  |
| Source: Bloomberg   | Source: Bloomberg          |          |           |            |        |       |

| MCX SPREAD MONITOR (M2-M1) |         |          |           |  |  |
|----------------------------|---------|----------|-----------|--|--|
| Commodity                  | Current | Previous | Trend     |  |  |
| Gold (Rs/10gm)             | 801     | 755      | Widening  |  |  |
| Silver (Rs/kg)             | 2286    | 2389     | Narrowing |  |  |
| Copper (Rs/kg)             | -15.3   | -5.0     | Widening  |  |  |
| Aluminium (Rs/kg)          | -1.8    | 0.4      | Widening  |  |  |
| Lead (Rs/kg)               | -0.6    | -1.8     | Narrowing |  |  |
| Zinc (Rs/kg)               | 0.3     | -1.4     | Narrowing |  |  |
| Crude (Rs/bbl)             | 58      | 11       | Widening  |  |  |
| NG (Rs/mmBtu)              | 14.1    | 19.3     | Narrowing |  |  |
| Gold Silver Ratio          | 86.7    | 85.9     | Widening  |  |  |
| Crude/NG Ratio             | 21.0    | 22.9     | Narrowing |  |  |
| Source: Bloomberg          |         |          |           |  |  |

**Bullion** – Comex Gold prices advanced for the fourth consecutive session on Thursday, closing near \$2,675, driven by persistent geopolitical tensions despite strength in the US Dollar and modest gains in US Treasury yields. The ongoing Russia-Ukraine conflict have fueled the precious metal's rebound as prices jumped 4.60% this week. Chicago Fed Chair Goolsbee reiterated his stance on supporting lower interest rates but hinted at a slower pace of policy easing. The probability of a December rate cut of 25 bps dropping to 56% from 58% earlier. US Jobless Claims fell to 213K, indicating labor market resilience. Today, Comex Gold held gains for the 5<sup>th</sup> day due to safe haven demand. Focus now shifts to upcoming PMI and UoM Consumer Sentiment data. Comex Silver continue to trade lower for 2<sup>nd</sup> day on dollar strength and demand concern in China.

Crude Oil – WTI Crude oil prices surged by 2% to close above \$70 per barrel yesterday, driven by concerns over the escalating Russia-Ukraine conflict. This surge followed Russia's launch of an intercontinental ballistic missile at Dnipro, in response to Ukraine's use of Western-supplied long-range weapons against Russian military targets. However, the rally was partly tempered by a recovery in the U.S. dollar, as mixed jobs data complicated the Federal Reserve's policy outlook, along with an increase in U.S. oil stocks. Today, WTI Crude has extended its gains, rising to \$70.58 per barrel and is headed for sharp weekly gain as intensifying Russia-Ukraine conflict is heightening concerns over potential disruptions in global oil supply. Russia is one of the world's top oil producers, pumping nearly 9 million barrels per day. However, the stronger U.S. dollar may limit any sharp upside in prices.

**Natural Gas** - NYMEX Henry Hub natural gas futures rallied 4.5%, to a ten month high of \$3.45/mmBtu as US gas stockpiles fell for the first time this season. Along with this, colder weather forecasts and elevated gas flows to LNG export terminals added further upside.

Base metals – LME base metals traded with a negative bias, weighed down by a stronger U.S. dollar, which extended gains following resilient economic data showing rising US existing-home sales in October and unexpectedly low jobless claims. Geopolitical tensions added to the market's unease, with escalating conflict between Russia and Ukraine. Also, Preliminary data released by the International Copper Study Group (ICSG) showed world refined copper balance saw an apparent surplus of about 359,000 tonnes in the first nine months of 2024 compared to just 42,000 tonnes in the same period last year. Today, base metals are holding steady as markets assess China's new policy measures aimed at supporting its export sector in the face of "unreasonable foreign trade restrictions" and creating a "favorable environment" for exports.

## **TECHNICAL CHARTS**







Source:-Tradingview, KS Commodity Research



Source:-Tradingview, KS Commodity Research

| RATING SCALE FOR DAILY REPORT   |  |  |
|---|--|--|
| BUY  We expect the commodity to deliver 1% or more returns  |  |  |
| SELL  | We expect the commodity to deliver (-1%) or more returns |  |
| SIDEWAYS We expect the commodity to trade in the range of (+/-)1%   |  |  |
| NOTE - The recommendations are valid for one day from the date of issue of the report, subject to mentioned stop loss, if any |  |  |

| FUNDAMENTAL RESEARCH TEAM |                         |  |  |
|---------------------------|-------------------------|--|--|
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| Kaynat Chainwala          | AVP, Commodity Research |  |  |
| Riteshkumar Sahu          | Agri-Complex            |  |  |
| Saish Sawant Dessai       | Base Metals             |  |  |

| TECHNICAL RESEARCH TEAM      |  |                 |                |  |  |
|------------------------------|--|-----------------|----------------|--|--|
| Abhijit Chavan lan Gonsalves |  | Yadnesh Shendge | Jimesh Chauhan |  |  |
|                              |  |                 |                |  |  |

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