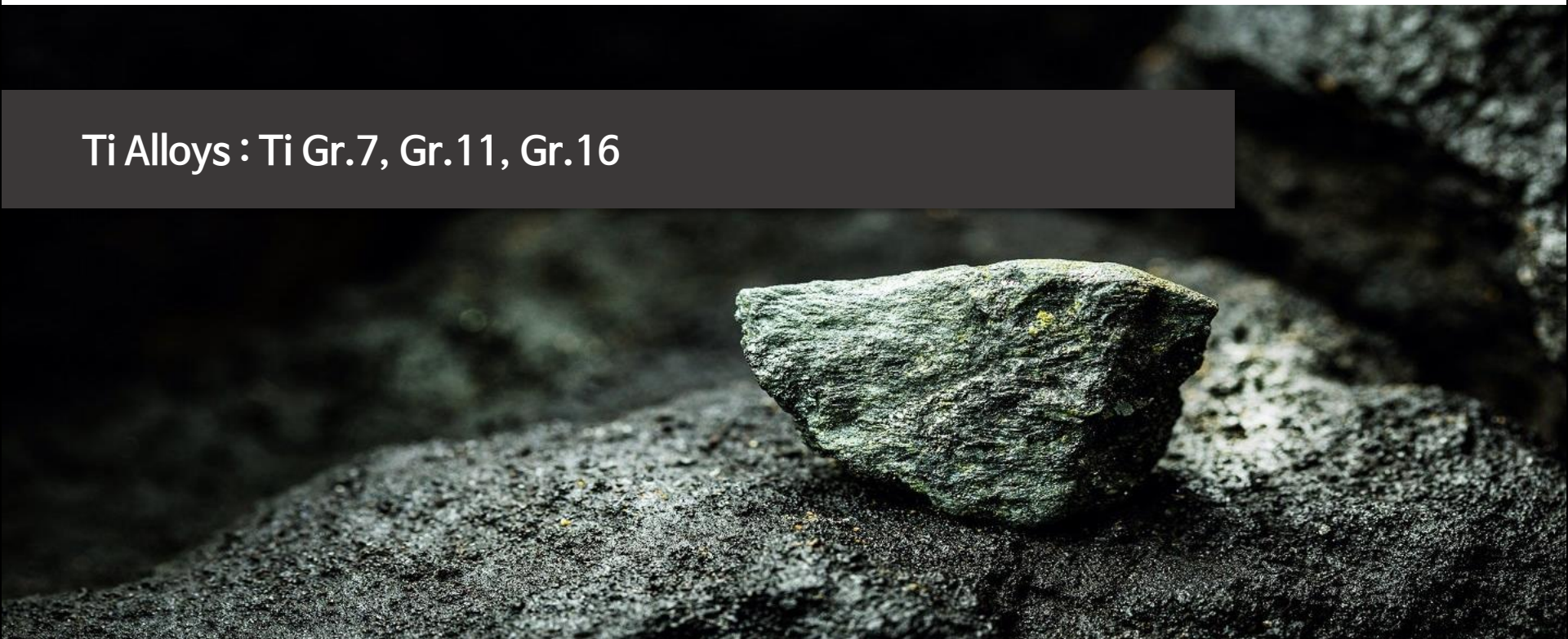


Ti Alloys : Ti Gr.7, Gr.11, Gr.16



Price Reporting

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Introduction to Metals

Alloy	Chemical Composition
Ti Gr.7	Click
Ti Gr.11	Click
Ti Gr.16	Click

Reporting Duration

February 24, 2025 - February 28, 2025 Alloy Price Analysis including Titanium Alloys

Ti Gr.7, Gr.11, Gr.16 Price Decline: Impact of Titanium and Palladium



<Ti Gr.7 price graph, 3 months>



<Ti Gr.11 price graph, 3 months>



<Ti Gr.16 price graph, 3 months>

- Between February 24 and 28, 2025, the prices of Ti Gr.7, Ti Gr.11, and Ti Gr.16 decreased.
- Ti Gr.7 and Ti Gr.11 each decreased by \$2.44, from \$67.65 to \$65.21 per kilogram, and Ti Gr.16 decreased by \$0.76, from \$26.94 to \$26.18 per kilogram.
- The primary drivers of these price decreases are weakness in the prices of titanium and palladium.

Causes of the titanium price drop



(Ti price graph, 3 months)

- Titanium decreased by \$0.13 from \$11.40 to \$11.27 per kilogram.
- The price of titanium has recently declined due to lower demand and weaker export markets. Weaker demand, particularly from the aerospace sector, has been cited as a major contributing factor. In response, some processors have lowered bids or sold inventory to free up liquidity. Additionally, some titanium melters have reduced purchases, which has resulted in steady supply. These factors have combined to drive down the price of titanium.
- In addition, lower prices for ferrotitanium turned items contributed to the overall weakness in titanium prices.

Causes of the palladium price drop



(Pd price graph, 3 months)

- Palladium decreased by \$1286.05, from \$31315.11 to \$30029.06 per kilogram.
- The price of palladium was affected by the overall weakness in the price of platinum group metals (PGMs), oversupply in the market, and economic uncertainty. Impala Platinum (Implats) is considering an early closure of its Lac des Iles palladium mine in Ontario, Canada. The decision is due to deteriorating palladium market conditions.
- The price of palladium is closely linked to the prices of other PGM metals, and the decline in platinum and rhodium prices has also had a negative impact on palladium prices. Increased production in Russia and South Africa has exacerbated oversupply concerns, and slowing global economic growth has also had a negative impact on palladium prices.

Future price outlook

- The prices of Ti Gr.7, Ti Gr.11, and Ti Gr.16 will continue to fluctuate in response to changes in the prices of titanium and palladium. In particular, trade tensions between the U.S. and China and supply chain adjustments in the U.S. will increase price volatility. Whether or not demand from the aerospace and automotive industries picks up will have a significant impact on whether or not prices will increase in the future.
- The price of titanium is likely to continue its downward trend in the short term, but if demand recovers, prices could rise again. Similarly, the price of palladium may also see a decline due to oversupply and economic uncertainty, but a recovery in demand from the automotive industry and supply-side instability is expected to drive prices higher in the medium to long term.

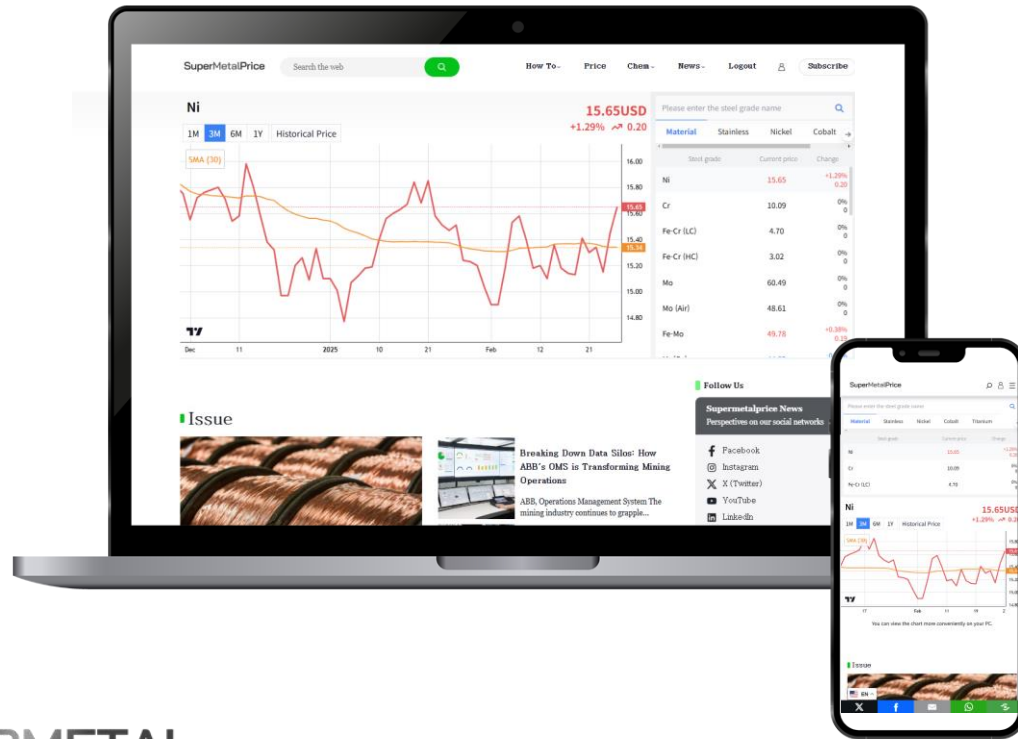
Conclusion

- The price movements of Ti Gr.7, Gr.11 and Gr.16 are heavily influenced by the evolution of titanium and palladium prices.
- In particular, weakening demand and oversupply are the main reasons for the current price decline, and a recovery in demand and stabilization of the supply chain will play an important role in price recovery in the future.

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