

# SWISS PLATINUM

## Tech Sheet



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### Uses:

Swiss Platinum is our task-specific, low-viscosity, synthetic oil-based cutting oil designed for precision micro machining and deep hole drilling. It is a bright, clear fluid that affords exceptional visibility, while allowing optimum operating speeds and stock removal. The lower viscosity allows for excellence in precision micro machining and deep hole drilling applications, resulting in deeper penetration, better heat dissipation, and improved chip removal. The synthetic oil base allows for lower viscosity with minimal reduction in flash point. The low foaming qualities and high performance make this fluid ideal for high-pressure coolant delivery systems. Utilizing state-of-the-art technology, Swiss Platinum excels on stainless steel, tough alloys, titanium, brass, and aluminum. In long-term usage, it provides high performance on all metals. It also out-performs conventional oils previously recommended by machine manufacturers. Provided in type A (all metals) and type B (ferrous and tough metals).

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### Safe:

The flash point of Swiss Platinum provides maximum safety. This fluid will not cause operator skin irritations and is non-hazardous. It contains no nitrites or ethanalamines.

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### Properties:

Swiss Platinum is a clear, low-viscosity synthetic-base oil. The unique formulation of this product results in a low-foam, low-smoke fluid that is cleaner than standard oils used in Swiss-style CNC turning machines. Since it is a clear liquid, it provides optimum visibility for the machine operator.

**Swiss Platinum has the following properties:**

**Specific gravity @ 60°F: .86**

**Pounds/Gallon: 7.20**

**Viscosity SUS @ 100°F: 62**

**Appearance: Bright Clear Liquid**

**Flash Point: Over 320°F**

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### Storage and Handling:

Swiss Platinum can easily be handled under ordinary commercial conditions. Storage tanks should be mild steel. Glass-lined or stainless tanks are also acceptable.

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### Application:

Swiss Platinum is designed for circulating systems associated with Swiss-style CNC turning machines.

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### Packaging:

Swiss Platinum is sold in 5-gallon pails, 55-gallon drums, and 275-gallon totes.

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