



SWISS SILVER HM (HARD METALS) – TYPE B

Uses:

Swiss Silver HM (Type B) is a combination mineral oil and synthetic base, premium cutting fluid designed for hard-metal machining applications. Swiss Silver HM (Type B) contains an additive that increases tool life performance on ferrous metals and tough alloys, but can tarnish brass or copper unless parts are cleaned immediately. Its unique additive package was developed to migrate to the tool point and coat the tool to maintain the sharp edge and extend the longevity of the tool. It is a bright and clear fluid that affords exceptional visibility while allowing optimum operating speeds and stock removal. The low-foaming qualities and high performance make this fluid ideal for high-pressure coolant delivery systems. Utilizing state-of-the-art technology, Swiss Silver HM excels on stainless steels with high hardness factors, tough high nickel alloys, and titanium. In long-term usage, it provides high performance on all metals. It also out-performs conventional oils previously recommended by machine manufacturers.

Safe:

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

Properties:

Swiss Silver HM is a clear, low-viscosity mineral oil and 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 Silver HM has the following properties:

Specific gravity @ 60° F: .94

Pounds/Gallon: 7.60

Viscosity SUS @ 100° F: 92

Appearance: Light Amber Liquid

Flash Point: Over 365° F

Storage and Handling:

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

Application:

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

Packaging:

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