



36 Draffin Road Hilton, New York 14468  
Phone: 585-392-3434  
Toll Free: 1-800-828-6351  
Sales: sales@monroefluid.com  
Technical: technical@monroefluid.com

## Astro-Swiss HD MV

### OVERVIEW

Astro Swiss neat cutting oils are designed for the most demanding Swiss style screw machining applications where speeds and feeds are the most important aspect of the machining operation. The Astro Swiss will reduce bar stock galling and scratching due to the guide bushings clamping. The Astro Swiss will help increase tool life because of the advanced designed to activate during high energy applied cutting operations.

### FEATURES & BENEFITS

- Very Low Foaming
- Excellent Corrosion Inhibition
- Exceptional cleanness for visibility
- Outstanding Lubricity for Superior Finishes
- Enhanced bimetallic corrosion inhibition
- Operator Friendly and Clean Running
- Compatible for all materials
- Recommended for Swiss Screw Machines

### APPLICATIONS

For the ultimate lubrication the Astro Swiss will provide that much needed advantage in the highly competitive Swiss precision machining industry. The Astro Swiss oils can be applied to workpieces from 0.125" (3.15mm) to .500" (12.65mm) dia. and for all materials, including titanium, nickel alloys, stainless steel and tool steel. To achieve the maximum benefit of the Astro Swiss please apply the product to the most demanding applications.

### MIXING

**Astro-Swiss HD MV is intended to be used as received, with no mixing or dilution required. Astro-Swiss HD MV is not dilutable with water.**

### TYPICAL PROPERTIES

|                            |                |
|----------------------------|----------------|
| Form                       | Liquid         |
| Odor                       | Bland Pleasant |
| Color                      | Light Amber    |
| Flash Point, COC °F        | <350           |
| Chlorine Content, % /wt    | >8             |
| Active Sulfur % / wt       | 0.0            |
| Viscosity, cSt/40°C        | 24             |
| Viscosity, SUS/100°F       | 110            |
| Vapor Pressure, mm Hg @25° | <0.01          |
| Boiling Point °F / °C      | >390/199       |

Material Safety Data Sheets are available for all products.  
All reasonable care has been taken to ensure  
that the above information is accurate as of the date of printing.