



## MAGNA™ MACHINE SLIDEWAY-SS

**MAGNA™ MACHINE SLIDEWAY-SS**– Premium quality multi-functional workshop oil designed from highly refined base stocks, selective frictional control and ‘tackiness’ additive system to give a high degree of protection against wear, rust and oxidation. They combine the anti-stick slip, adhesive and protective properties of a slideway lubricant with the anti-wear properties of a hydraulic oil, making them ideal machine shop lubricants.

### Applications

**MAGNA MACHINE SLIDEWAY-SS** Primarily suitable for machine tools with combined slideway lubrication and hydraulic systems. They are recommended for use in planers, grinders, horizontal boring machines, shapers, jig borers, etc. involving high precision work and can also be used for lubrication of gears by oil cans.

### Specifications: Meets

- DARMSTADT FRICTION RIG
- DIN 51524 PART II
- CINCINNATI MILACRON P-68, P-69, P-70
- SCHMIDT (SKC) INCLINED TRIBOTESTAR
- STATICINEMETER
- AGMA 250.04

### Features & Benefits

- Excellent anti-wear capability to maintain the required boundary film under heavy loads.
- Strong film strength to maintain the required boundary film under heavy loads.
- Excellent rust and anti-foam properties.
- Outstanding adhesiveness to maintain film even at vertical surface.
- Excellent hydrolytic ability for water based cutting fluids.
- Outstanding filterability and good shear stability.
- Minimize rejection rates and extended cutting tool life.
- Good frictional control prevents stick-slip and chatter.

### Typical Characteristics

| MACHINE SLIDEWAY-SS              | ISO | 32   | 68   | 150   |
|----------------------------------|-----|------|------|-------|
| Density @ 15°C Kg/m <sup>3</sup> |     | 869  | 877  | 890   |
| Kinematic viscosity, 40°C cSt    |     | 32   | 68   | 149.5 |
| Kinematic viscosity, 100°C cSt   |     | 5.5  | 8.8  | 14.1  |
| Viscosity Index                  |     | 115  | 108  | 101   |
| Flash point, COC, °C             |     | 204  | 220  | 242   |
| Pour point, °C, Max              |     | -30  | -30  | -18   |
| Rust test                        |     | Pass | Pass | Pass  |
| CM stick slip ratio (0.8 max)    |     | 0.76 | 0.75 | 0.72  |

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.