

SUPRA SLIDE

Slideway Oils

DESCRIPTION

SUPRA SLIDE is a high performance oil for the lubrication of machine tool slideways.

SUPRA SLIDE is available in two viscosities, 68 cSt for horizontal and 220 cSt for inclined and vertical slideways.

RECOMMENDED APPLICATIONS

SUPRA SLIDE is specifically designed to meet requirements for low friction, good dampening properties, excellent demulsibility and protection of precision machine tools. It is also suitable for moderate applications such as hydraulic and gear drive fluids.

SPECIFICATIONS / APPROVALS

SUPRA SLIDE meets the following requirements:

- Cincinnati Lamb P-47 / P-50
- SH/T0361-94 Chinese National Specification for slideway oils
- DIN51524-2 HLP
- DIN51517-3 CLP

ADVANTAGES

- Excellent compatibility with aqueous metalworking fluids.
- Exceptional demulsibility properties, particularly with MotulTech soluble fluids.
- Good filterability.
- Elastomer compatibility.
- Excellent lubricity and load carrying performance.
- Outstanding frictional properties to eliminate stick-slip even at low feed speed and high pressure.
- Non-corrosive to ferrous and non-ferrous alloys.
- Anti-wear and extreme pressure performance.

TECHNICAL INFORMATION

CHARACTERISTICS	Standards	SUPRA SLIDE 68	SUPRA SLIDE 220	UNIT
Density at 20 °C	ISO 12185	0.879	0.893	kg/L
Viscosity at 40 °C	ASTM D445	70	219	cSt
Viscosity at 100 °C	ASTM D445	8.9	19	cSt
Viscosity index	ASTM D2270	100	96.1	-
Flash point	ASTM D92	248	286	°C
Pour point	ASTM D97	-15	-12	°C
Four ball wear test (1 h @ 40 kg)	ISO 20623	0.43	0.34	mm

The specifications are given for information purposes only and may need to change.