

## SLIDEWAY POWER 100

### Slideway Oil

**SLIDEWAY POWER 100** is a superior quality lubricant specially developed to meet the requirements of modern high production machine tool slideways.

**SLIDEWAY POWER 100** is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Low frictional properties reduce chatter and stick-slip of slides and ways.
- Improved surface finish and dimensional accuracy of workpieces.
- Excellent demulsibility provides ready separation from soluble cutting fluids.
- Prolonged coolant life and reduced cost of replacement and disposal.
- Superior metal wetting properties and adhesiveness resist wash-off from critical surfaces and protect from attack of high pH coolants.
- Good filterability provides easy circulation through filters and reduces stick-slip, chatter and wear.
- Excellent anti-wear performance provides high levels of protection for gears, bearings and slides.
- Effective rust and corrosion inhibitors provide enhanced protection of machine tool slides even in presence of aqueous cutting fluids.
- Good thermal and oxidative stability.

**SLIDEWAY POWER 100** meets the following performance criteria:

ISO 6743-4 HG      ISO 6743-13 GA

### Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Class			100
Density @15°C	kg/m <sup>3</sup>	ASTM 4052	882
Kinematic Viscosity @ 100°C	mm <sup>2</sup> /s	ASTM D7042	10.9
Flash Point COC	°C	ASTM D92	>200
Pour Point	°C	ASTM D7346	-21
CM Stick Slip Frictional Test		CM	<0.8
Copper Corrosion 3 hrs @100°C, max		ASTM D130	1b
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