

## SLIDEWAY POWER 68

### Slideway Oil

**SLIDEWAY POWER 68** is a superior quality lubricant specially developed to meet the requirements of modern high production machine tool slideways.

**SLIDEWAY POWER 68** 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 68** meets the following performance criteria:

ISO 19378 GA & GB  
DIN 51524 part II  
AIST 224

General Motors LS2  
DIN 51517 part III  
AGMA 9005 E02 (EP)

ISO 11158 HG  
FZG 12

### Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Class			68
Density @15°C	kg/m <sup>3</sup>	ASTM 4052	877
Kinematic Viscosity @ 40°C	mm <sup>2</sup> /s	ASTM D7042	67.5
Kinematic Viscosity @ 100°C	mm <sup>2</sup> /s	ASTM D7042	8.8
Viscosity Index		ASTM D2270	102
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-25
FZG Fail Load Stage, min		DIN 51354-2	12
Total Acid Number	mgKOH/g	ASTM D974	0.6
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