

SLIDEWAY POWER 220

Slideway Oil

SLIDEWAY POWER 220 is a superior quality lubricant specially developed to meet the requirements of modern high production machine tool slideways.

SLIDEWAY POWER 220 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 220 meets the following performance criteria:

DIN 51517 part III
AGMA 9005 F16
AGMA 9005 E02 (EP)

DIN 51524 part II
General Motors LS2

ISO 11158 HG
AIST 224

ISO 19378 GA & GB
Fives Cincinnati P-53

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Class			220
Density @15 °C	kg/m ³	ASTM 4052	897.4
Kinematic Viscosity @ 40 °C	mm ² /s	ASTM D7042	220.5
Kinematic Viscosity @ 100 °C	mm ² /s	ASTM D7042	19.1
Viscosity Index		ASTM D2270	98
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-21
FZG Fail Load Stage, min		DIN 51354-2	12
Total Acid Number	mgKOH/g	ASTM D974	0.5
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