



Technical Data Sheet

Slideway Oils

Product Description

Premier provides a comprehensive range of premium quality machine tool slideway oils developed to meet the requirements of the latest machine tool slideways, tables, carriages, guides and general machine operations including hydraulic and gear boxes.

Slideway oils are formulated from high viscosity index solvent refined mineral base oils fortified with additives to prevent oxidation, corrosion and wear, and delivering excellent lubrication and optimum frictional properties to working surfaces to eliminate stick-slip and judder.

Features/Benefits:

- Excellent Separation from a wide range of Water-based Cutting Fluids
- Good Frictional Properties prevent Stick-Slip on Steel, Composite and Plastic Slideways
- Excellent Filterability, even in the presence of Water

Typical Properties:

ISO Grade	Slideway 32	Slideway 68	Slideway 100	Slideway 150	Slideway 220
Kinematic Viscosity at 40°C	32 cSt	68 cSt	100 cSt	150 cSt	220 cSt
Density, g.ml ⁻¹	0.87	0.88	0.88	0.89	0.84
Viscosity Index	100	99	97	95	93
Flash Point	220°C	232°C	240°C	265°C	270°C
Pour Point	-30°C	-30°C	-30°C	-27°C	-18°C

These data are typical of current production, and whilst future production will meet these specifications, some variation in typical data may occur.

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