



PSO Slideway Oil Series, is a sophisticated blend of highly refined mineral base oil and an ash-less, multifunctional additive. Designed to deliver exceptional protection, efficient lubrication, and stability, these oils are tailored to enhance the performance of slideways in grinding machines, cutting machines, milling machines, and lathes. Provides smooth operation, reduced friction, and optimal adhesiveness, ensuring enhanced performance across a variety of equipment. These oils demonstrate excellent compatibility with typical metal-working fluids used in the same equipment.

Benefits

- Ensures excellent lubricating properties for seamless slideway movement.
- Provides superior protection against wear and tear, seizure, and micro-welding, extending equipment service life.
- Compatible with all types of slideway materials.
- Offers robust protection against rust and corrosion, even when water-soluble cutting fluids are used.
- Demonstrates good load-carrying capability under heavy loads.
- Exhibits excellent demulsibility.

Applications

- PSO Slideway Oil 32: Recommended for machine tools with combined hydraulic and slideway lubrication.
- PSO Slideway Oil 68: Ideal for horizontal slideways.
- PSO Slideway Oil 220: Suitable for heavy or vertical slides.

Typical Characteristics*

PROPERTIES	METHODS	TYPICAL RESULTS		
ISO VG		32	68	220
Density @ 15°C, kg/L	ASTM D-4052	0.8811	0.8898	0.9011
K. Viscosity @ 40°C, cSt	ASTM D-445	32.2	68.4	220.1
K. Viscosity @ 100°C, cSt	ASTM D-445	5.27	8.55	19.20
Viscosity Index	ASTM D-2270	98	98	98
Flash Point (COC), °C	ASTM D-92	200	228	244
Pour Point, °C	ASTM D-97	-6	-6	-3
Phosphorous, Wt.%	ASTM D-4951	0.02	0.02	0.02

*These typical characteristics mentioned are based on current mean values.

Based on available information, this product does not contain any component that may produce any significant hazard to health when used for the recommended application. Guidelines for health and safety are available in Material Safety Data Sheet of the product. Dispose of used oil, containers, cartons labels in an environment friendly manner. Do not discharge used oil into drain, soil or water. Advice on application not covered in this leaflet, may be obtained from lubricants.technical@psopk.com