



PSO Slideway Oil series is formulated with a highly refined mineral base oil and an ash-less, multifunctional additive to give outstanding protection, efficient lubrication and stability. Oils in this series are formulated to enhance lubrication, protection, adhesiveness, friction reduction, and smooth operation of slideways of grinding machines, cutting machines, milling machines and lathes. These oils demonstrate excellent compatibility with typical metal-working fluids used in the same equipment.

Benefits

- Excellent lubricating property for smooth slide way movement.
- Superior protection against wear and tear, seizure, and micro-welding to increase equipment service life.
- Compatible with all types of slide way material.
- Good protection against rust and corrosion even when water soluble cutting fluids are used in equipment.
- Good load carrying capability under heavy loads.
- Good demulsibility.

Applications

- PSO Slideway Oil 32 is recommended for machine tools with combined hydraulic and slide way lubrication.
- PSO Slideway Oil 68 is appropriate oil for horizontal slideways.
- PSO Slideway Oil 220 is used on heavy or vertical slides.

Typical Characteristics*

PROPERTIES	METHODS	TYPICAL RESULTS		
		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	31.37	66.73	220.10
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