



PRODUCT DESCRIPTION

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.

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.

PERFORMANCE STANDARD

The superior additive technology used in the formulation of PSO Slideway Oil endorses the following performance standard:

Cincinnati Lamb P-47

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.

PRODUCT CHARACTERISTICS*

PROPERTIES	METHOD	TYPICAL RESULTS		
		32	68	220
Density @ 15 °C, Kg/liter	ASTM D-4052	0.8803	0.8924	0.8974
Kinematic Viscosity @ 40 °C	ASTM D-445	32	68	220
Kinematic Viscosity @ 100 °C	ASTM D-445	5.39	8.64	19.61
Viscosity Index	ASTM D-2270	96	96	96
Flash Point (COC), °C	ASTM D-92	200	228	244
Pour Point, °C	ASTM D-97	-6	-6	-3
Phosphorous	ASTM D-4951	0.001	0.001	0.001

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



HEALTH & SAFETY

Guidelines for health, safety and handling are available in Material Safety Data Sheet of the product which can be obtained from PSO representative.



ENVIRONMENT PROTECTION

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.



ADVICE

Advice on application not covered in this leaflet, may be obtained from PSO representative.