



MACHINE OIL

PSO Machine Oil series, specially formulated with a blend of highly refined base oil and a premium anti-wear additive package. This combination provides excellent wear protection and stability against oxidation. The oil is designed to reduce torque load and wear, making it ideal for use in textiles and the machine tool industries.

Benefits

- Exhibits excellent wear protection to enhance equipment service life.
- Provides longer oil life with outstanding thermal and oxidation stability.
- Superior rust and corrosion protection for equipment parts.

Applications

- Recommended for the general lubrication of gear trains in lathes, milling machines, internal and external grinding machines.
- Ideal for precisely designed machines that require light machine oil.
- Suitable for certain hydraulic systems with low pressure.

Typical Characteristics*

PROPERTIES	METHODS	TYPICAL RESULTS			
		HJ-20	HJ-30	HJ-40	HJ-45
Density @ 15°C, kg/L	ASTM D-4052	0.8812	0.8856	0.8895	0.8915
K. Viscosity @ 50°C, cSt	ASTM D-445	20.34	29.84	40.25	45.44
K. Viscosity @ 40°C, cSt	ASTM D-445	30.2	45.8	63.2	72.4
Viscosity Index	ASTM D-2270	99	102	103	99
Flash Point (COC), °C	ASTM D-92	198	204	226	230
Pour Point, °C	ASTM D-97	-6	-6	-6	-6

*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