



PAKISTAN STATE OIL

# PSO MACHINE OIL

## PRODUCT DESCRIPTION

PSO Machine Oil series is specially developed with a combination of a highly refined base oil and a premium anti-wear additive package which gives excellent wear protection and stability against oxidation. The oil has the ability to reduce torque load and wear for use in textiles and machine tool industries.

## APPLICATIONS

- Recommended for the general lubrication of gear train of lathe, milling, internal and external grinding machines.
- For precisely designed machines that require light machine oil.
- Certain hydraulic systems with low pressure.

## BENEFITS

- Excellent wear protection to enhance equipment service life.
- Outstanding thermal and oxidation stability give longer oil life.
- Excellent hydrolytic stability gives improved protection and extended life of yellow metal parts of the equipment.
- Superior rust and corrosion protection of equipment parts.

## PRODUCT CHARACTERISTICS\*

PROPERTIES	METHOD	Machine Oil			
		HJ-20	HJ-30	HJ-40	HJ-45
Kinematic Viscosity @ 50 °C, cSt	ASTM D-445	20	30	40	45
Viscosity Index, min	ASTM D-2270	100	97	99	95
Pour Point, °C, max	ASTM D-97	-6	-6	-6	-6
Flash Point (COC), °C, min.	ASTM D-92	200	224	230	236

\* 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.