



PRODUCT DESCRIPTION

PSO Neat metal cutting oil series is blended with highly refined mineral base oils and a combination of synthetic calcium sulfonate to provide extreme pressure lubricity and supplementary corrosion protection. Addition of sulfurized olefin make the oil capable to replace chlorinated paraffin for heavy duty applications and hard-to-machine metals.

APPLICATIONS

- Recommended for machining of both ferrous and nonferrous applications.
- Suitable for heavy duty applications and hard to machine metals.
- Oil is recommended for use to machine tough ferrous alloys as well as mild steel and cast iron in such operations as: Milling, Drilling, Turning, Grinding, Broaching, Thread cutting, Tapping & Metal forming.

BENEFITS

- Excellent extreme pressure and anti-wear properties.
- Synergistic with active sulphur compounds.
- Excellent cooling and lubrication in a wide range of machine operation.
- Environment friendly because of chlorine free technology.
- Provides good surface finishing.
- Non-staining characteristic.
- Flush chips away from work area.
- Excellent rust inhibitor.
- Low Odour.

PRODUCT CHARACTERISTICS*

PROPERTIES	METHOD	TYPICAL RESULTS	
		22	32
Density @ 15 °C, Kg/liter	ASTM D-4052	0.8851	0.8923
Kinematic Viscosity @ 40 ° C	ASTM D-445	22	32
Kinematic Viscosity @ 100 ° C	ASTM D-445	4.27	5.42
Viscosity Index	ASTM D-2270	106	104
Flash Point (COC), °C	ASTM D-92	184	188
Pour point	ASTM D-97	-33	-24
Total Base Number, mg KOH/g	ASTM 2896	20	20

* 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.