

TEXOL SOLUBLE CUTTING OIL



Powered By
gandhar
oil refinery (india) ltd.

Product Description

Texol® Soluble Cutting Oil forms a milky white emulsion with water. It is specially developed for machine shops in production engineering mainly to cool the workpiece & provide lubrication. Used at a dosage of just 3-5% in water of varying hardness of up to 800 ppm, Texol® Soluble Cutting Oil provides outstanding overall performance. The product is made using high viscosity index lube base oils in combination with a variety of additives such as emulsifiers, rust preventives, biocides, etc. The product is very low foaming & provides excellent lubricity in tough conditions.

Applications

Texol® Soluble Cutting Oil is used widely in all kinds of machine shop operations such as Turning, Milling, Shaping, Grinding & Honing.

Add oil to water but not vice-versa.

Characteristics

Key Properties	Test Methods	Specification	Typical Value
Kinematic Viscosity @ 40°C, cSt	ASTM D445	68	68
Emulsion stability: 3% in DM water	Visual	Stable	Stable
Flash Point °C	ASTM D92	120 Min	>150
Pour Point °C	ASTM D97	(-) 3 Max	(-) 6
Density @15°C	ASTM D1298	---	0.88

Health and Safety

Detailed health and safety information for this product is provided in a Material Safety Data Sheet which is available upon request from our Texol sales office.

Features and Benefits

- Ultimate cooling of tool work-piece interphase.
- Clear visibility of work-piece.
- Excellent rust prevention.
- Economical and Value for Money (VFM).
- Very long tool life. Good surface finish.
- More jobs between tool grinds.
- Free from Alkyl-Phenol-Ethoxylates (APEO).
- Max Emulsion stability – tested @ 0°C & 50°C
- Can be used with hard water.
- Protection from Cast Iron corrosion and copper strip corrosion.
- Prevents biological degradation.

Specifications and Approvals

- Stability test: Stable at 0 Deg C and 50 Deg C, 1 Hr.
- Corrosion test: Free from corrosion even after 24 hours.
- Can be used even while machining Aluminum.
- Good dispersion.
- Transparent.