

MAK TRIPONOL XP

Description

MAK TRIPONOL XP is a Sulphurised ester based neat cutting oil based on the latest generation of highly refined hydrocracked base oils to deliver high performance in metal working operation

Application

It is suitable for use in gear cutting, gear hobbing, drilling & thread milling application for a wide range of steel and stainless steel materials.

Operation	Cast Iron	Carbon Steel	Alloy Steel	Stainless Steel	Non Ferrous materials
Gear Cutting	YES	YES	YES	YES	NO
Gear Hobbing	YES	YES	YES	YES	NO
Drilling & thread Milling	YES	YES	YES	YES	NO
General purpose cutting	YES	YES	YES	YES	NO

Advantages

- Low odour, light colour & low mist qualities gives better tool work piece visibility and operator acceptability
- Low evaporation loss and better lubricity properties reduce drag losses leading to economy in product usage
- Its exceptional EP and enhanced frictional resistance properties lead to less heat generation, provides increased tool life, better surface finish and lower overall operating costs.
- Chlorine and heavy metal free formulation improves the environmental profile & reduces disposal costs

Technical Specifications

Characteristics	Test method, ASTM	MAK TRIPONOL XP
Appearance	Visual	Yellow
Density at 15°C, Kg/m ³	D 1298	0.866
Flash point COC, °C	D 92	210
Viscosity at 40°C, cSt	D 445	32.5
Copper strip corrosion	D 130	3b
Weld load, Kg	D 2783	> 800

All the mentioned values are typical which may vary from batch to batch

Ester	Sulphur	Phosphorous	Chlorine	Other
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Storage and Handling

- Indoor Storage is always preferable
- Barrels should be kept horizontally with bunk position at 3 O'clock 9 O'clock position
- Barrels should be kept away from dusty or heated areas.
- During handling any contact with dust must be avoided.

Health and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet (MSDS) may be referred.

Advice

For any further advice on applications or otherwise please contact the nearest Bharat Petroleum Territory Office or Technical Services Department at the address given below.

Bharat Petroleum Corporation Ltd.

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