

MAK TRIPONOL

Description

These are a range of active type, transparent, extreme pressure oils. These oils are not recommended for use on yellow metals to avoid staining.

Application

They are used for cutting operations on materials difficult to machine, particularly tough steels and are excellent for automatic lathes, screw cutting machines etc.

MAK TRIPONOL H	Deep boring and gun drilling operations
MAK TRIPONOL D	Form grinding application Gives better surface finish and improves gear cutting tool life. Approved by M/s. Tata Motors
MAK TRIPONOL R	Grinding of stainless steel strips. This oil ensures excellent surface finish without any staining.
MAK TRIPONOL BR	Broaching application.

Performance Benefits

- Provide superior metal wetability
- Better cooling in severe operational conditions
- Contains active Sulphur to provide additional EP properties

Performance Level

- IS 3065 : 1985 [Reaffirmed March, 2002] (for MAK TRIPONOL C)
- MAK TRIPONOL B, D, H & R are proprietary grades

Technical Specifications

Characteristics	ASTM	MAK TRIPONOL						
		B	C	D	H	R	HX	BR
Appearance	visual	Clear fluid	Clear fluid	Clear fluid	Clear fluid	Clear fluid	Clear fluid	Clear fluid
Density at 15°C	D129 6	0.8798	0.8802	0.8914	0.8836	0.853	0.87	0.855
K.V at 40°C, cSt	D445	24.4	35.2	31.44	13.46	12.5	18.73	14.95
Copper Corrosion @ 100°C, 3 hrs.	D130	Staining (black)	Staining (black)	Staining (black)	Staining (black)	4a	Staining (black)	Staining (black)
Flash Point (PMCC) °C	D92	166	166	196	150	180	140 min.	180 min.

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

Storage and Handling

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

Health & Safety

This grade is 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.

Product and Application Development Dept.
 BPCL 'A' Installation, Sewree Fort Road, Sewree (East)
 Mumbai -400015
 E-mail: MAKcustomercare2@bharatpetroleum.in
 Tel No.: 022-24176351



MAK[®]
LUBRICANTS