

# 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 Free from Chlorine
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.

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