

Product Data Sheet

MAK TRIPONOL

Grade: B, C, D, H, R, HX & BR

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.

APPLICATIONS
 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 is specialty oil for use in deep boring and gun drilling operations.
 MAK TRIPONOL D gives better surface finish and improves gear cutting tool life. Its lower coefficient of static friction reduces the reluctance of grinding debris in form-grinding from being flushed of grinding surface.
 MAK TRIPONOL R is specialized metal working oil for grinding of stainless steel strips. This oil ensures excellent surface finish without any staining.
 TRIPONOL D is approved by M/s. TELCO in form grinding operation and gear generation of straight bevel gears.
 MAK TRIPONOL BR is specialized oil for

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

Characteristics	IS 1448	Typical Figures			
		B	C	D	H
Appearance	--	Clear fluid	Clear fluid	Clear fluid	Clear fluid
Density at 15°C	P:16	0.8798	0.8802	0.8914	0.8836
K.V at 40° C, cSt	P:25	24.4	35.2	31.44	13.46
Copper corrosion @ 100° C, for 3 hrs.	P:15	Staining (black)	Staining (black)	Staining (black)	Staining (black)
Flash Point, (PMCC), °C	P:69	166	166	196	150

Product Data Sheet



Characteristics	IS 1448	Typical Figures		
		R	HX	BR
Appearance	--	Clear fluid	Clear fluid	Clear fluid
Density at 15°C	P:16	0.853	0.87	0.855
K.V at 40° C, cSt	P:25	12.5	18.73	14.95
Copper corrosion @ 100° C, for 3 hrs.	P:15	4a	Staining (black)	Staining (black)
Flash Point, (PMCC), °C	P:69	180	140 min.	180 min.

Health and Safety

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

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Technical Services

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