

# MAK CABOL

## Bearing Oils

### Description

These are made of highly refined high viscosity mineral base oils suitable for bearing application and maintain a thin film of oil under light and medium load

### Application

Bearing applications in various industries such as steel, textile, pharmaceutical, chemical, processing industries etc

### Benefits

- Excellent chemical and thermal stability
- High load carrying ability
- High viscosity index
- Exhibit good oxidation & thermal stability
- Provide protection against corrosion & rust even during idle condition

### PERFORMANCE LEVEL

- IS 493(Part 1):1981 [Reaffirmed Sept 2009]  
Our grades meet above specification for the respective Viscosity Grades

## Technical Specifications

Characteristics	ASTM	MAK Cabol					
		15	22	32	46	68	100
Appearance	--	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
Density at 15° C g/ml	D1298	0.8651	0.8664	0.8819	0.8827	0.8835	0.8876
K.V at 40° C, cSt	D445	15.1	22.9	32.3	46.2	68.4	100.7
Viscosity Index	D2270	102	101	100	100	98	96
Pour Point, °C	D97	-9	-9	-9	-9	-6	-6
Flash Point, (COC), °C	D92	168	188	210	220	220	232
Copper Strip Corrosion Test at 100°C for 3 hrs.	D130	1a	1a	1a	1a	1a	1a

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

## 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 & Safety

This grade is not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet 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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