

# MAK THERMOL 68

## Description

MAK THERMOL 68 oil is blended from selected high viscosity index base oils having excellent oxidation and thermal stability. Suitable for quenching application at bath temperatures of upto 130°C.

## Application

Suitable for mass production of high precision, high quality products such as bearing races, gears, shafts, transmission components etc.

## Benefits

- Exceptionally good oxidation & chemical stability
- Excellent Thermal stability
- Non corrosive & non toxic
- Excellent thermal conductivity
- Low volatility minimizes the formation of volatile decomposition products
- Has very low evaporation loss even at elevated temperatures

## Performance Level

- IS 2664: 1980 [Reaffirmed Nov 1998]

## Technical Specifications

Characteristics	ASTM	MAK Thermol 68
Appearance	--	Clear fluid
Density at 15° C	D1296	0.890
K.V at 100° C, cSt	D445	64.5
Viscosity Index	D2270	101
Pour Point, °C	D97	-6
Flash Point, (COC), °C	D92	230
Copper Strip Corrosion Test at 100°C for 3 hrs.	D130	1b

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 bung position at 3'o'clock 9 'o clock position.
- Barrels should be kept away from dusty or heated areas as much as possible

## Health and Safety

These oils are 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.**

Product and Application Development Dept.  
 BPCL 'A' Installation, Sewree Fort Road, Sewree (East)  
 Mumbai -400015  
 E-mail: [MAKcustomer care2@bharatpetroleum.in](mailto:MAKcustomer care2@bharatpetroleum.in)  
 Tel No.: 022-24176351