

MAK ENGOL J

Description

MAK ENGOL J oils are compounded with fatty oils to provide good wettability.

Application

These are recommended for lubrication in gear boxes, where high viscosity and compounded type of oils are required. These oils are also suitable for lubrication of worm gears where Sulphur / Phosphorus type EP additives are not recommended.

Benefits

- Provides excellent oiliness
- Possesses excellent film strength properties

Performance Level

- IS 1589 : 1994 Type 2 [Reaffirmed March, 2001]
- IPSS: 1-09-010

Our grades meet above specifications for the respective viscosity grades.

Technical Specifications

Characteristics	ASTM	MAK ENGOL J					
		460	800	1000	1500	521	680
Appearance	--	Dark brown fluid	Dark brown fluid	Dark brown fluid	Dark brown fluid	Dark brown fluid	Dark brown fluid
Density at 15° C	D1298	0.905	0.9320	0.9660	0.9860	0.913	0.9202
K.V at 40° C, cSt	D445	460.5	800.4	1000.9	1500.3	521.4	680.7
Viscosity Index	D2270	95	90	90	90	92	91
Pour Point, °C	D97	-6	-3	-3	-3	-6	-6
Flash Point, (COC), °C	D92	256	282	286	296	262	278
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
- Closed Barrels should be kept horizontally with bung position at 3'0Clock 9 'O Clock position
- Barrels should be kept away from dusty or heated areas as much as possible

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.

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