

Product Data Sheet

MAK ENGOL J

ISO VG: 460, 680, 1000 & 1500
NON ISO VG: 521 & 800

DESCRIPTION

These oils are compounded with fatty oils to provide good wettability.

PERFORMANCE BENEFITS

- Provides excellent oiliness
- Possesses excellent film strength properties

APPLICATIONS

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.

PERFORMANCE LEVEL

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

Our grades meet above specifications for the respective viscosity grades.

Characteristics	IS 1448	Typical Figures		
		460	521	680
Appearance	--	Dark brown fluid	Dark brown fluid	Dark brown fluid
Density at 15° C	P:16	0.905	0.913	0.9202
K.V at 40° C, cSt	P:25	460.5	521.4	680.7
Viscosity Index	P:56	95	92	91
Pour Point, °C	P:10	-6	-6	-6
Flash Point, (COC), °C	P:69	256	262	278
Copper Strip Corrosion Test at 100°C for 3 hrs.	P:15	1a	1a	1a

Characteristics	IS 1448	Typical Figures		
		800	1000	1500
Appearance	--	Dark brown fluid	Dark brown fluid	Dark brown fluid
Density at 15° C	P:16	0.9320	0.9660	0.9860
K.V at 40° C, cSt	P:25	800.4	1000.9	1500.3
Viscosity Index	P:56	90	90	90
Pour Point, °C	P:10	-3	-3	-3
Flash Point, (COC), °C	P:69	282	286	296
Copper Strip Corrosion Test at 100°C for 3 hrs.	P:15	1a	1a	1a

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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