

Product Data Sheet

MAK ENGOL

ISO VG: 460, 680, 1000 & 1500

DESCRIPTION
 These oils are high viscosity straight mineral oils having enhanced lubricating properties.

PERFORMANCE BENEFITS

- High viscosity and good thermal stability

APPLICATIONS
 These are recommended for bath lubricated gears, which operate at low speeds and under normal loads for which oils of high viscosity are required.

PERFORMANCE LEVEL

- IS 1589 : 1994 (Type 1) [Reaffirmed March, 2001]

Characteristics	IS 1448	Typical Figures			
		460	680	1000	1500
Appearance	--	Dark brown fluid	Dark brown fluid	Dark brown fluid	Dark brown fluid
Density at 15° C	P:16	0.9033	0.9086	0.9088	0.9100
K.V at 40° C, cSt	P:25	460.2	680.1	1000.5	1500.8
Viscosity Index	P:56	92	90	90	90
Pour Point, °C	P:10	-3	-3	-3	-3
Flash Point, (COC), °C	P:69	282	286	296	304
Copper Strip Corrosion Test at 100°C for 3 hrs.	P:15	1a	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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