

Product Data Sheet

MAK AMOCAM

ISO VG: 46, 68, 100, 150, 220, 320, 460, 680 & 1000

Non ISO VG: 257

DESCRIPTION

These are premium quality EP gear oils blended from high viscosity index, solvent refined high quality base oils.

PERFORMANCE BENEFITS

- Possess excellent oxidation and thermal stability.
- Exhibits good anti-foam characteristics.
- Exhibits high level of performance in respect of anti-wear and extreme pressure property.

APPLICATIONS

These oils are recommended for the lubrication of all types of industrial enclosed gear drives operating at high load & speed conditions, also recommended for the lubrication of worm gear units.

PERFORMANCE LEVEL

- IS 8406 : 1993 (EP Type) [Reaffirmed March, 2001]
- IPSS : 1-09-003
- US Steel 224
- DAVID BROWN S. 1. 53. 101
- DIN 51 517 PART 3
- AGMA 250.04 5EP & AGMA 251.02 5EP

Characteristics	IS 1448	Typical Figures		
		46	68	100
Appearance	--	Clear & Bright	Clear & Bright	Clear & Bright
Density at 15° C	P:16	0.8836	0.8856	0.8896
K.V at 40° C, cSt	P:25	46.9	68.2	100.7
Viscosity Index	P:56	100	98	96
Pour Point, °C	P:10	-6	-6	-6
Flash Point, (COC), °C	P:69	220	226	246
Copper Strip Corrosion Test at 100°C for 3 hrs.	P:15	1b	1b	1b
Foaming Characteristics/Stability	P:67	Nil	Nil	Nil
a) Sequence I				
b) Sequence II				
c) Sequence III		Nil	Nil	Nil

Product Data Sheet

Characteristics	IS 1448	Typical Figures		
		150	220	257
Appearance	--	Clear & Bright	Clear & Bright	Clear & Bright
Density at 15° C	P:16	0.8946	0.8996	0.9012
K.V at 40° C, cSt	P:25	150.3	220.7	257.6
Viscosity Index	P:56	95	94	94
Pour Point, °C	P:10	-6	-6	-6
Flash Point, (COC), °C	P:69	248	256	260
Copper Strip Corrosion Test at 100°C for 3 hrs.	P:15	1b	1b	1b
Foaming Characteristics/Stability	P:67			
a) Sequence I		Nil	Nil	Nil
b) Sequence II		Nil	Nil	Nil
c) Sequence III		Nil	Nil	Nil

Characteristics	IS 1448	Typical Figures			
		320	460	680	1000
Appearance	--	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
Density at 15° C	P:16	0.9046	0.9081	0.9213	0.9326
K.V at 40° C, cSt	P:25	320.4	460.8	680.2	1000.3
Viscosity Index	P:56	93	92	91	90
Pour Point, °C	P:10	-3	-3	-3	-3
Flash Point, (COC), °C	P:69	262	264	268	280
Copper Strip Corrosion Test at 100°C for 3 hrs.	P:15	1b	1b	1b	1b
Foaming Characteristics/Stability	P:67				
a) Sequence I		Nil	Nil	Nil	Nil
b) Sequence II		Nil	Nil	Nil	Nil
c) Sequence III		Nil	Nil	Nil	Nil

Health and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet may be referred.

Bharat Petroleum Corporation Ltd.

Technical Services

A' Installation, Sewree (East), Mumbai – 400 015

Phone: 022-24176354, Fax: 022-24182511 / 24166512

email: z_techservices@bharatpetroleum.in

Edition: R&D / Indl / 021 / Issue 1 / Oct, 2008