

Product Data Sheet

MAK FILM BEAR EP

ISO VG: 32, 46, 68, 100, 150 & 460

Non ISO VG: 381

DESCRIPTION

These oils are formulated from highly refined, solvent treated, superior quality base oils and selectively chosen additives. These oils are especially suitable for specific conditions of Indian Integrated Steel Plants, where they are subjected to severe load in presence of continuous water circulation and foreign material under high temperature.

PERFORMANCE BENEFITS

- Impart outstanding anti-wear, anti-rust and anti-scuffing properties
- Excellent demulsibility
- Posses good thermal stability

APPLICATIONS

These are premium quality extra heavy duty circulating oils especially developed for high speed No-Twist Rod Mills, manufactured by M/s Morgan Construction Co., U.S.A. However, these oils are also suitable for other Rolling Mill Circulating Systems.

PERFORMANCE LEVEL

- Proprietary grades

Characteristics	IS 1448	Typical Figures			
		32	46	68	100
Appearance	--	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
Density at 15° C	P:16	0.8549	0.8586	0.8620	0.8658
K.V at 40° C, cSt	P:25	32.6	46.1	68.2	100.9
Viscosity Index	P:56	103	102	101	101
Pour Point, °C	P:10	-15	-15	-15	-12
Flash Point, (COC), °C	P:69	232	236	240	244
Copper Strip Corrosion Test at 100°C for 3 hrs.	P:15	1a	1a	1a	1a
Foaming Characteristics/Stability	P:67	Nil	Nil	Nil	Nil
a) Sequence I					
b) Sequence II					
c) Sequence III		Nil	Nil	Nil	Nil

Product Data Sheet

Characteristics	IS 1448	Typical Figures		
		150	381	460
Appearance	--	Clear & Bright	Clear & Bright	Clear & Bright
Density at 15° C	P:16	0.8730	0.8946	0.8959
K.V at 40° C, cSt	P:25	150.3	381.5	460.6
Viscosity Index	P:56	98	96	95
Pour Point, °C	P:10	-9	-6	-6
Flash Point, (COC), °C	P:69	248	260	266
Copper Strip Corrosion Test at 100°C for 3 hrs.	P:15	1a	1a	1a
Foaming Characteristics/Stability	P:67			
a) Sequence I		Nil	Nil	Nil
b) Sequence II		Nil	Nil	Nil
c) Sequence III		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.

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