MAK AMOCAM

Description

MAK AMOCAM is premium quality EP gear oils blended from high viscosity index, solvent refined high quality base oils. These contain sulphur / phosphorous additives which impart high level of performance in respect of anti-wear and extreme pressure property. These oils also possess excellent oxidation & thermal stability and anti-foam characteristics.

Application

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

Benefits

- Possess excellent oxidation and thermal stability: Enhances lubricant life
- Exhibits good anti-foam characteristics
- Good anti-wear and extreme pressure property.
- Reduces operating costs due to less wear at high operating temperature resulting in smoother operation.

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

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.

Technical Specifications

Characteristics	ASTM	MAK AMOCAM				
		46	68	100	150	220
Appearance	visual	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
Density at 15°C	D1298	0.8836	0.8856	0.8896	0.8946	0.8996
K.V at 40° C, cSt	D445	46.9	68.2	100.7	150.3	220.7
Viscosity Index	D2270	100	98	96	95	94
Pour Point ,°C	D97	-6	-6	-6	-6	-6
Flash Point, (COC) °C	D92	220	226	246	248	256
Copper Strip Corrosion Test at 100°C for 3 hrs.	D130	1b	1b	1b	1b	1b
Foaming Characteristics/ Stability a) Sequence I b) Sequence II c) Sequence III	D892	 Nil Nil Nil	 Nil Nil Nil	 Nil Nil Nil	 Nil Nil Nil	 Nil Nil Nil
Timken EP test OK load		29	29	29	29	29

All the mentioned values are typical which may vary from batch to batch.

Characteristics	ASTM	MAK AMOCAM				
		257	320	460	680	1000
Appearance	visual	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
Density at 15°C	D1298	0.9012	0.9046	0.9081	0.9213	0.9326
K.V at 40° C, cSt	D445	257.6	320.4	460.8	680.2	1000.3
Viscosity Index	D2270	94	93	92	91	90
Pour Point ,°C	D97	-6	-3	-3	-3	-3
Flash Point, (COC) °C	D92	260	262	264	268	280
Copper Strip Corrosion Test at 100°C for 3 hrs.	D130	1b	1b	1b	1b	1b
Foaming Characteristics/ Stability a) Sequence I b) Sequence II c) Sequence III	D892	 Nil Nil Nil	 Nil Nil Nil	 Nil Nil Nil	 Nil Nil Nil	 Nil Nil Nil
Timken EP test OK load		29	29	29	29	29

All the mentioned values are typical which may vary from batch to batch.

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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