TECHNICAL DATA SHEET

AIMOL Geartech CLP 1000

Synthetic gear and bearing fluid with EP additives

DESCRIPTION

AIMOL Geartech CLP PAO 1000 is EP synthetic gear oil particularly suited to gear applications in which extreme conditions are expected. This product is formulated with PAO synthetic base stocks in order to provide performance greatly superior to conventional petroleum oils. Further the **AIMOL Geartech CLP PAO 1000** is fully compatible with mineral products which guaranties a smooth change over. **AIMOL Geartech CLP PAO 1000** provides significantly improved load carrying ability, excellent wear and rust protection, high viscosity index, high flash point, low pour point, outstanding oxidative stability and cleaner systems.

BENEFITS

- Excellent oxidation and thermal stability
- High operating temperature range
- Lower maintenance cost
- Improves cleanliness
- Extended lubricant life
- Compatibility with most used paints, gaskets, and seals
- Compatibility with petroleum based lubricants, therefore minimal effort by changeover

APPLICATIONS

- Due to the low friction a lower energy consumption up to 3% can be expected
- Gear applications where extreme temperatures (both high & low) are seen
- Open and enclosed gear systems with plain or rolling element bearings
- Particularly suited to gear applications in which extreme service conditions are expected
- Highly recommended for Helical, Bevel & spur gears

APPROVALS

AIMOL Geartech CLP PAO 1000 meets or exceeds the requirements of:

- ANSI/AGMA 9005 (table 3)
- AISE 224 (formerly USS 224)
- DIN 51571 part 3
- David Brown S1.53.101

TYPICAL FIGURES

Parameter	Test method	Geartech CLP PAO 1000
Colour		<0,5
ISO Grade		1000
Viscosity @ 40 °C, cSt	ASTM D445	947
Viscosity @ 100 °C, cSt	ASTM D445	83,2
Viscosity index	ASTM D2270	167
Flash point, °C	ASTM D92	240
Pour point, °C	ASTM D97	-36
Rust protection • With water • With Saline	ASTM D665	 Pass Pass
4-ball wear test • Wear scar, mm • Welding load, kg	ASTM D4172	 0,30 250
Copper corrosion	ASTM D130	1b
Total acid number, mg KOH/g	ASTM D664	0,50
Foam tendency, ml (seq I, II, III)	ASTM D892	0/10/0
FZG	DIN 51254	12+
Timken OK load, lbs	ASTM D2782	>60

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TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below.

HEALTH AND SAFETY

AIMOL Geartech CLP PAO 1000 has no adverse health effects provided it is used as directed.

DISCLAIMER

Typical figures as indicated may vary per production cycle and can change at manufacturers' option. Specifications, however, are guaranteed. Because of continuous product research and development, the information within this data sheet is subject to change without any notification. Although every effort is made to ensure accurate information, A.I.M. bv accepts no liability for any loss or damage suffered caused by the incorrectness and/or incompleteness of this text, and as a result of using this product for any application other than explicitly stated in this data sheet.

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