Bearing oil

Performance Overview

Maxtop bearing oil is made of highly refined base oil and multi-functional additives, which has excellent performance and provides good protection for equipment. Reduce friction and wear: Provides excellent lubrication and reduces friction and wear during bearing operation. Prolong life: protect the bearing surface and extend the service life of the equipment. Reduce the working temperature: effective heat dissipation, take away a lot of heat generated by friction. Improve stability: Ensure stable operation of equipment in high temperature environment. Prevent moisture effect: prevent moisture from mixing with oil to maintain lubrication effect. Prolong oil life: reduce oil deterioration and performance degradation due to moisture.

Features

01

Good anti-oxidation stability, long service life; good lubrication performance, effectively reducing wear.

02

Good anti-rust and anti-corrosion properties, protecting equipment from rust.

03

Good anti-foaming property, no foaming is easy to be generated during recycling.

04

Protect the bearing surface to prevent water and corrosive gases from eroding the bearing.

05

Prolong service life, reduce oil deterioration, reduce equipment failure and maintenance costs caused by oil deterioration.

06

Reduce foam formation, improve lubrication effect, and ensure the best performance of bearing oil in various working conditions.

Application Scenario

1: The steel industry
Hot mill: provides good lubrication and cooling under high temperature and high load working conditions.
Cold rolling machine: to ensure the stable operation of the rolling mill, to ensure the rolling accuracy of steel.
2: Non-ferrous metal processing
Aluminum and copper rolling: provides reliable lubrication for bearings and forms a stable oil film.
3: Large motor
High-speed rotating parts: A uniform and stable oil film is formed in the bearing system.
4: Other industries
Textile machinery: lubricates high speed spindles.
Precision machine tools: Provide lubrication for high-speed rotating shafts.

No. 138, Guanshan Road, Shuangliu District, Chengdu, China (Sichuan) Pilot Free Trade Zone
TEL: +8613541155698 EMAIL: maxtop@maxtop-oil.com
TEL: +864008330667 Website: www.maxtop-oil.com

Bearing oil performance indicators

Project	Quality indicators				
variety	L-FD				
Quality Grade	First-class product				
Viscosity grade (GB/T 3141)	3	7	10	15	22
Kinematic viscosity (40℃)/(mm2/s)	2.88~3.52	6.12~7.48	9.0~11.0	13.5~16.5	19.8~24.2
Viscosity Index	-	Report			
Pour point/℃No higher than	-12				
Condensation point/℃No higher than	-	-	-	-	-
Flash point, ℃ a. Open cup not less than	-	115	140	140	140
b. Closed cup not less than	80	-			
Neutralization value, mg (KOH)/g	Report				
Foaming property (foaming tendency/foaming stability, 24℃)/(mL/mL) not more than	100/10				
Corrosion test (copper sheet, 100℃, 3h), level not more than	1(50℃)	1			
Liquid phase corrosion test (distilled water)	Rust-free				
Wear resistance: a. Maximum non-seizure load (PB), N (kgf) not less than	-				
b. Wear spot diameter (196N, 60min, 75℃, 1500r/min)/mm not more than	0.5				

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