MORTECH OIL SERIE

High Quality, High Performance Bearing Oil

Description

It is formulated for single or dual central lubrication system of sheet metal and rod drawing rolling machine, working under heavy conditions. It is produced with high wear resistant additives and appropriate for American Morgan company's specification.

Applications

Suitable for rolling bearings working in low and high rotation rate with single central lubrication system; final units of "No-Twist" rolling machines with dual central lubrication system; low speed initial units and other machine equipments in the same system. For low speed units, higher viscosity Mortech Oils should be used, in accordance with OEM recommendation.

Benefits

- Provides strong oil film by releasing water even in highly humidified medium.
- Reduces wearing in heavy and impact loads by forming tampon oil film.
- Performs excellent rust and corrosion protection.
- Ensures long service life due to its high oxidation resistance.
- Reduces operational costs by reducing oil consumption.
- High anti-foaming characteristic.
- Prevents wearing occurred due to cavitation.

Typical Specifications*

ISO Viscosity Grade		100	150	220	320	460
Viscosity, 40 °C, mm²/s	ASTM D445	100	150	220	320	460
Viscosity Index	ASTM D2270	92	93	93	92	92
Flash Point COC, °C	ASTM D92	270	270	280	304	320
Pour Point, °C	ASTM D97	-6	-9	-9	-9	-9
Foaming Tendency, ml (24 °C - 93 °C - 24 °C)	ASTM D892	50/0 50/0 50/0	50/0 50/0 50/0	50/0 50/0 50/0	50/0 50/0 50/0	50/0 50/0 50/0
TAN, Total Acid Number mgKOH/gr	ASTM D974	0,1	0,1	0,1	0,1	0,1
Copper Strip Corrosion	ASTM D130	1a	1a	1a	1a	1a
Corrosion-Preventation	ASTM D665B	Pass	Pass	Pass	Pass	Pass
Rotary bomb oxidation test (RBOT) dk.	ASTM D2272	423	377	369	318	291

*** Values shown may differ between productions.**