Mobil

IOGEAR™ EP 100

Mobil Industrial , Canada

Outdoor Gear Oil

Product Description

Iogear™ EP 100 is an extreme-pressure gear oil that is specially designed for oil field pump jack gear drives. It is specifically formulated to operate at both low and high ambient temperatures to give year round performance capabilities.

It is also well suited for other low-temperature gear applications, where excellent low temperature performance is required.

Features and Benefits

Iogear EP 100 multi-season extreme pressure industrial gear oil, designed for oil field pump jack gear drives operating over wide temperature ranges, offers the following performance features:

Features	Advantages and Potential Benefits
Excellent low-temperature fluidity	With a Pour Point of -40°C and a Brookfield Viscosity of 73800 cP at -35°C, Iogear EP 100 oil resists channeling and minimizes air entrainment at low temperatures. These characteristics help to ensure proper lubrication right from equipment startup
Outstanding wear protection	Iogear EP 100 oil contains a potent extreme pressure additive that protects gears against wear when subjected to shock loading. Its 27 kg (60lb) Timken OK load provides the extreme-pressure properties required by the American Gear Manufacturers Association (AGMA) for heavier EP grades
Rust Protection	Iogear EP 100 oils is formulated to protect lubricated parts against the rusting caused by condensation inside gear drives. It passes the very sever Synthetic Sea Water Rust Test
Low Foaming Tendency	Iogear EP 100 oil is treated to resist the foaming that can both interfere with oil film formation and make dipstick readings difficult. Iogear EP 100 oil exhibits very low foaming tendency and no foam stability

Properties and Specifications

Property	
Grade	ISO 100
ASTM Color, ASTM D1500	3
Brookfield Viscosity @ -35 C, mPa.s, ASTM D2983	73800
Emulsion, Time to 37 mL Water, 82 C, min, ASTM D1401	40
Flash Point, Cleveland Open Cup, °C, ASTM D92	170
Foam, Sequence I, Stability, ml, ASTM D892	NIL
Foam, Sequence II, Tendency, ml, ASTM D892	0
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	14.96

Property	
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	99.5
Pour Point, °C, ASTM D97	-40
Viscosity Index, ASTM D2270	157

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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02-2021

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com
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