



أوبلي لوب
OBLUBE

TECHNICAL DATA SHEET

OBLUBE INDUSTRIAL EP GEAR OILS

Product Description:

OBLube Industrial EP is a range of premium industrial gear oils which are blended from high quality high viscosity index base oils with corrosion and oxidation inhibitors, and a non-corrosive sulfur-phosphorous EP additive system. This product has a unique creeping additive which prevents dry start-ups that causes initial wear in all gears. It also has a unique anti-foaming additive that prevents air entrapment and entrainment.

Application:

OBLube Industrial EP gear oil is suitable for use in all enclosed heavy-duty industrial gearboxes which require an extreme pressure gear lubricant. With its unique additive system, this product can be used on highly-stressed gear sets that operate under heavy shock loads, and high temperatures. This product is excellent to use in gear sets which introduce sliding friction such as worm gears and high off-set hypoid gears. A copper passivator is incorporated in the additive system which greatly enhances the versatility of this product.

Features:

OBLube Industrial EP gear oil has,

- Excellent extreme pressure properties
- Excellent anti-wear properties
- Excellent anti-rust and anti-corrosion properties
- Good Demulsibility properties
- Good Thermal Stability
- Good Anti-Oxidation Properties
- Good Compatibility with Elastomers and Rubber
- Non-foaming

Benefits:

OBLube Industrial EP gear oil provides your equipment with,

- Protection against heavy and shock loads
- Protection against wear and sliding friction
- Protection against rust and corrosion
- Ease of water drain-off from the system
- Long service life for high operating temperatures
- Prevention of products of oxidation
- Benign with seals and gaskets
- Protection against the build-up of pressure inside the gear casing thereby decreasing oil leaks from air breathers and ruptured seals

Physical Characteristics:

OBLUBE INDUSTRIAL EP GEAR OIL						
			ISO VG Grade			
Properties	Test Method	Units	150	220	320	460
AGMA Grade			4EP	5EP	6EP	7EP
Color & Appearance	Visual		Red, Bright & Clear			
Density @ 15 °C	ASTM D0452	kg / l	0.897	0.899	0.902	0.905
Viscosity @ 40 °C	ASTM D445	cSt	150	220	320	460
Viscosity @ 100 °C	ASTM D445	cSt	14.8	19.1	24.7	31.5
Viscosity Index	ASTM D2770		98	98	99	99
Pour Point	ASTM D97	°C	-23	-18	-15	-12
Copper Corrosion Test	ASTM D 130		1b	1b	1b	1b
FZG Four Square Test	ASTM D 5182	load stage	12 th stage pass			
Foam Tendency & Stability	ASTM D892	ml/ml (Seq. I / II / III)	0/0, 0/0, 0/0	0/0, 0/0, 0/0	0/0, 0/0, 0/0	0/0, 0/0, 0/0

Health and Safety:

OBLUBE Lubricants are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained. Use gloves which are impervious to oil and chemicals when handling used oils. Avoid skin contact. If lubricants come in contact with skin, wash immediately with soap and water.