Mobil™

Mobil™ Compressor Oil 150 IR

Mobil Industrial , Australia

Gas Compressor Cylinder Lubricant

Product Description

MobilCompressor Oil 150 IR is a premium quality compounded lubricant specially developed for cylinder lubrication of gas compressors. Compressor Oil 150 IR is recommended by ExxonMobil for use in reciprocating compressors with separate cylinder lubrication systems operating on natural gas or other hydrocarbon gases. Mobil Compressor Oil 150 IR is formulated from high quality mineral base oil and selected additives to give excellent thermal and oxidative stability helping to minimize harmful carbon deposit formation on exhaust valves, pistons, rods and packings. This lubricant also has excellent film strength that resists wash-off by wet gases or hydrocarbons in the gas which may condense during compression.

Features and Benefits

The use of the Mobil Compressor Oil 150 IR can result in cleaner compressors and lower deposits compared to conventional mineral oils, resulting in longer running periods between maintenance intervals. This product's excellent oxidation and thermal stability safely allow extended life capability while controlling sludge and deposit formation. It possesses outstanding anti-wear and corrosion protection, which enhances equipment life and performance.

Features	Advantages and Potential Benefits
Low Carbon Deposit Formation	Helps improve valve response and performance
	Helps reduce deposits in discharge lines
	Helps extend equipment life and contributes to reduced maintenance costs
ExcellentOxidation and Thermal Stability	Long oil life
	Helps improve filter life and lower maintenance costs
	Helps reduce deposit formation
Excellent Wear Protection	Provides effective lubricating film helping to reduce wear of rings, cylinders, bearings and gears
Excellent Water Resistance	Resists wash off by wet gases, helping to maintain equipment lubrication and protection
Effective Rust and Corrosion Protection	Helps improve protection of valves and reduce wear of rings and cylinders

Applications

Recommended for cylinder lubrication in reciprocating compressors with separate cylinder lubrication systems operating on natural gas or other hydrocarbon gases. Suitable for use over a wide range of operating temperatures typically found in an oil and gas production environment.

Typical Properties

Mobil Compressor Oil 150 IR	
ISO VG	150
Density @ 15°C, Kg/l (ASTM D 4052)	0.8959
Foam Test (ASTM D 892, Seq I)	0/0
Viscosity cSt @100°C (ASTM D 445)	16.4
Zn-content (ASTM D 4951)	0.03

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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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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