



Mobil Pegasus SCF Extra

Mobil Industrial , Canada

PREMIUM QUALITY PART SYNTHETIC GAS COMPRESSOR LUBRICANT

Product Description

Mobil Pegasus SCF Extra is a custom-blended hydro treated mineral oil / polyalphaolefin (PAO) synthetic hydrocarbon oil. The proprietary multi-function silicone additive provides enhancement as a lubricity improver, an anti-foamant to minimize foaming, and a pour point depressant to provide lower temperature operation capability.

Mobil Pegasus SCF Extra uses a proprietary corrosion inhibitor additive system to reduce the effects of the corrosive materials present in the compressor streams and operating environment where the lubricant is subjected to harsh chemical environments including the presence of (H₂S).

Mobil Pegasus SCF Extra thermal and oxidation stability can help to provide longer life and better control of deposits, sludge and varnish.

Features and Benefits

Mobil Pegasus SCF Extra is a custom-blended hydrotreated mineral oil and polyalphaolefin (PAO) synthetic lubricant specially formulated to offer excellent performance in demanding gas compressor applications.

Mobil Pegasus SCF Extra lubricants offer the following potential features and benefits:

- Part Synthetic blend is more cost effective than full synthetic (PAO)
- Good Demulsibility
- Good Thermal Stability to control deposit formation
- Very low vapour pressure
- Soluble with Hydrocarbons
- Exceptional control of sludge, varnish, or lacquer formation
- Very Good lubricity
- Good Water resistance

Applications

Mobil Pegasus SCF Extra is a premium lubricant/coolant designed for process and gas rotary screw compressors and is well suited for low specific gravity gas compression in low ambient temperature conditions. Mobil Pegasus SCF Extra is also recommended for use in rotary screw, vane and reciprocating compressors in industrial applications requiring a high viscosity fluid.

Mobil Pegasus SCF Extra is especially effective in combating corrosion and promoting long life in sour hydrocarbon gas compressors. Mobil Pegasus SCF Extra lubricants are compatible with the same system elastomers and seals as used with petroleum based products.

Typical Properties

	100	150
Specific Gravity, ASTM D4052	0.838	0.841
Viscosity @ 40°C, cSt, ASTM D445	101	144
Viscosity @ 100°C, cSt	13.5	17.6
Viscosity Index, ASTM D2270	135	135
Pour Point °C, ASTM D97	-33	-33
Flash Point, C.O.C., °C, ASTM D92	277	288

	100	150
Fire Point, C.O.C., °C, ASTM D92	299	310

*The values shown here are representative of current production. Some are controlled by manufacturing specifications, while others are not. All of them may vary within modest ranges.

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 contact 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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