



Mobil Vaprotec Light

Rust-Inhibiting Circulation Oil

Product Description

Mobil Vaprotec Light is an ISO Viscosity Grade 32, turbine-quality circulation oil containing anti-oxidants and defoamants. It is enhanced with a three-phase rust inhibitor to protect surfaces lightly coated with oil; a liquid phase inhibitor to protect surfaces submerged in oil; and vapor space inhibitors to protect surfaces exposed to oil vapors.

Features and Benefits

- Wide-temperature-range rust protection for steel surfaces in the vapor (air) spaces which do not come into contact with the oil
- Rust protection for metal surfaces where the oil has drained off, leaving only a thin film
- Rust protection for surfaces which are submerged in the oil
- Good corrosion protection for nonferrous metals
- Demulsibility equivalent to that of a normal turbine oil
- Superior oxidation stability
- Wide range of application

Applications

Mobil Vaprotec Light is recommended for all applications requiring an ISO Viscosity Grade 32, turbine-quality oil with additional rust protection properties. Operation of systems with oil temperatures above 120°F will deplete the vapor phase inhibitors.

Typical Properties

Mobil Vaprotec Light	
Product Number	60031-2
Specific Gravity	0.875
Color, ASTM D 1500	1.5
Pour Point, °C (°F)	-7 (20)
Flash Point, ASTM D 92, °C (°F), min	193 (380)
Viscosity	
cSt at 40°C	30
cSt at 100°C	5.3
Viscosity Index	95
TAN, ASTM D 664	0.4
Demulsibility, ASTM D 1401, ml after 30 min	0
Rust Protection, ASTM D 665	
Distilled Water	Pass
Synthetic Sea Water	Pass

Health and Safety

Based on available toxicological information, this product produces no adverse effects on health when properly handled and used. No special precautions are suggested beyond attention to good personal hygiene, including laundering oil-soaked

clothing and washing skin-contact areas with soap and water. A Material Safety Data Sheet can be obtained from your local distributor; via the Internet on <http://www.msds.exxonmobil.com>.

For additional technical information or to identify the nearest U.S. Mobil supply source, call 1-800-662-4525.

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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. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

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