

PRODUCT INFORMATION

EFFORSE 4004

Description

EFFORSE 4004 is a high performance low ash mineral gas engine oil designed for marine and stationary trunk piston engines running on natural gas and associated petroleum gas.

Application

EFFORSE 4004 is recommended for naturally aspirated and turbocharged gas engines in marine and stationary applications running on sweet or dry natural gas and associated petroleum gas. It is formulated from high quality mineral base stocks and superior performance additive technology. EFFORSE 4004 is specifically developed in accordance with the world leading gas engine manufacturers such as GE Jenbacher, Perkins, Rolls Royce, Caterpillar, Deutz, Wärtsilä, MAN and others.

Features/Advantages and Benefits

- Excellent wear protection, deposit control and protection against scuffing
- Excellent thermal and oxidation stability and low nitration
- Effective rust and corrosion protection
- Extended oil life and BN retention

MARINE IN ALL WE DO!

Typical Characteristics

Properties	Test Method	Data	Unit
Density at 15°C	ASTM D1298	888	kg/m ³
Flash point (COC)	ASTM D92	268	°C
Kinematic viscosity @ 40°C	ASTM D445	148.4	cSt
Kinematic viscosity @ 100 °C	ASTM D445	14.3	cSt
Viscosity Index	ASTM D2270	99	
Pour point	ASTM D97	-12	°C
Base number	ASTM D2896	5.6	mgKOH/g
Sulphated ash	ASTM D874	0.46	%wt

Health and Safety

The Safety Data Sheet is available on request and describes the product in terms of safety in use, handling and transport. The product is not classified as dangerous according to the Regulations 1907/2006 and 1272/2008 or the Directives D67/548/EEC and 1999/45/EC. When used as intended, this product does not pose significant health risks. Repeated exposure may cause skin dryness or cracking. In case of skin contact, immediately wash the affected area with plenty of soap and water. Remove contaminated clothes.

Handling and Packaging

The compatibility and miscibility with comparable products from other suppliers have been tested successfully by an independent institute. In order to benefit from first-class product performance, the mixing of lubricants should be limited to a minimum.

Store tightly closed in a well-ventilated place. Protect from heat and direct sunlight. Avoid water ingress

The product is available in bulk and drums of approximately 205 litres.

Further Information

For further information about LUKOIL Marine Lubricants please contact any representative of LUKOIL Marine Lubricants or visit our website www.lukoilmarine.com.

LUKOIL Marine Lubricants DMCC
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