

RENOLIN SE 100

Synthetic ester-based air compressor lubricant

Description

RENOLIN SE 100 is a synthetic air compressor lubricant based on advanced synthetic ester technology, containing a synergistic blend of anti-wear, anti-corrosion and anti-oxidant additives to enhance performance. It is suitable for use in reciprocating and vane compressors, depending on the viscosity requirements of the compressor. The fluid is miscible with mineral oils, although residual mineral oil in the system will degrade the performance of the RENOLIN SE 100 fluid. A complete oil change is recommended.

Application

Designed for use in reciprocating and vane compressors dependent upon viscosity requirements.

Specifications

RENOLIN SE 100 exceeds the requirements according to:

- DIN 51506 – VDL 100

Advantages

- Synthetic ester base
- Proven lubrication performance in reciprocating and vane compressors
- Low coefficient of friction
- Reduced power consumption, potentially reducing energy costs
- Highly resistant to oxidation
- Reduces carbon deposits (e.g. in valves and filters)
- Reduced maintenance and down-time costs
- Extended oil drain intervals
- Extended oil lifetime
- Suitable for extreme working conditions

Exclusively produced for
LUKOIL MARINE LUBRICANTS

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Typical data:

Product name		RENOLIN SE 100	
Properties	Unit		Test method
Appearance		Clear yellow / orange fluid	
Density at 15 °C	kg/m ³	971	DIN 51757
Kinematic viscosity at 40 °C	mm ² /s	100	DIN EN ISO 3104
at 100 °C	mm ² /s	11.1	
Viscosity index	-	97	DIN ISO 2909
Flashpoint, Cleveland (COC)	°C	268	DIN ISO 2592
Pourpoint	°C	-36	DIN ISO 3016
Neutralisation number	mgKOH/g	0.5	DIN 51558-1

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We therefore recommend that you consult a FUCHS SCHMIERSTOFFE GMBH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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