

ORITES DS 270 D



Compressor lubricant



Synthetic polyglycol lubricant specifically designed in order to solve pre-polymerisation problems.

APPLICATIONS

Lubrication of (Hyper-) compressors

- "One-through" lubrication of (hyper-) compressors compatible with polyethylene and EVA copolymer process.
- **ORITES DS 270 D** has been formulated to avoid sludges formation and pre-polymerisation.
- **ORITES DS 270 D** can reached very high level of pumpability.

SPECIFICATIONS

International Specification

- ISO 6743-3, DGC class (Gases with high solubility in mineral oil that reduce viscosity).
- **ORITES DS 270 D** complies with Commission Directive 2003/1829/EC and 2003/1830/EC relating to the non-presence of GMO.
- **ORITES DS 270 D** does not contain products of animal origin.
- **ORITES DS 270 D** is a polyalkylene glycol lubricant produced from components listed in the European Directive 2011/10/EC relating to plastic materials and articles interted to come into contact with food stuffs.
- **ORITES DS 270 D** complies with Burckhardt Compression requirements on pumpability performances up to very high level of pressure (> 3000 bars).

OEM'S

ADVANTAGES

Process reliability

- Avoid the formation of sludges.
- Highly increased lifetime of packings.
- High oil film resistance towards Ethylene and good lubricity.
- Outstanding viscosity under pressure behaviour.
- Food grade approval of the end-product which is colour - and odourless.

HANDLING-HYGIENE-SAFETY

Food-grade approval

Warning !

- In accordance with most of the European Countries regulations on food-grade packaging materials (Please consult us).
- This product is water soluble, not miscible with hydrocarbons and compatible only with epoxy based paints. Compatibility with existing elastomers is satisfactory with the exception of polyurethanes. Please refer to us in any doubt.

TYPICAL CHARACTERISTICS	METHODS	UNITS	ORITES DS 270 D
Density at 15 °C	ISO 12185	Kg/m ³	1090
Viscosity at 40 °C	ISO 3104	mm ² /s	270
Viscosity at 100 °C	ISO 3104	mm ² /s	45
Visosity index	ISO 2909	-	220
Flash point (open cup)	ISO 2592	°C	245
Pour point	ISO 3016	°C	- 9

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
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ORITES DS 270 D
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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from www.quick-fds.com.