

ORITES DS 125



Lubrication



Synthetic lubricant of Polyglycol type with inherent anti-wear properties.

APPLICATIONS

**Lubrication of Ethylene
(Hyper-)compressors**

- « Once through » lubrication of Ethylene (hyper-)compressors.
- Meets the food-grade polyethylene production requirements.

SPECIFICATIONS

**International
specifications
O.E.M.'s**

- ISO 6743-3B, DGC class (Gases with high solubility in mineral oil that reduce viscosity).
- Recommended by SULZER-BURCKHARDT.

ADVANTAGES

Process reliability

- Highly increased lifetime of packings.
- High oil film resistance towards Ethylene and good lubricity.
- Outstanding viscosity / pressure behaviour.
- Good behaviour in Polyethylene.
- Does not contain any anti-oxidant that could interfere with the process.

**Valorization of the end
product**

- Food-grade approval of the end-product which is colour- and odourless.

HANDLING-HYGIENE-SAFETY

Food-grade approval

- In accordance with most of the European Countries regulations on food-grade packaging materials (Please consult us) and with the FDA (US).
This product is water soluble, not miscible with hydrocarbons and compatible only with epoxy based paints. Apart from polyurethanes, compatibility with current elastomers is good. Please refer to us if any doubt.

Warning !

TYPICAL CHARACTERISTICS	METHODS	UNITS	ORITES DS 125
Density at 15 °C	ISO 12185	Kg/m ³	1098
Viscosity at 40 °C	ISO 3104	mm ² /s	126
Viscosity at 100 °C	ISO 3104	mm ² /s	17.5
Viscosity index	ISO 2909	-	153
Flash point (open cup)	ISO 2592	°C	238
Freezing point	ISO 3016	°C	- 24

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS
Industrie & Spécialités**

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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 downloaded from

www.quick-fds.com.

