

Orites DS 270

Synthetic lubricant of Polyglycol with inherent anti-wear properties

APPLICATIONS

« Once through » lubrication of Ethylene hyper-compressors.

Meets the requirements for producing food-grade polyethylene

SPECIFICATIONS

ISO 6743-3, DGC

Orites DS 270 is NSH-H1 registered (reference n° 133732) for incidental contact with food.

Orites DS 270 is a polyglycol based oil produced from components listed in the Regulation (UE) n°10/2011 related to plastic materials and articles intended to come into contact with foodstuffs.

ADVANTAGES

High oil film resistance towards Ethylene and good lubricity.

Highly increased lifetime of packings

Outstanding oil pumpability under extreme pressure

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

APPROVALS

Orites DS 270 has been tested and certified by Burckhardt Compression where very high level of pumpability has been reached.

TYPICAL CHARACTERISTICS

Properties	Units	Standards	Orites DS 270
Density at 15°C	kg/m ³	ISO 12185	1090
Viscosity at 40°C	mm ² /s	ISO 3104	270
Viscosity at 100°C	mm ² /s	ISO 3104	45
Viscosity index	-	ISO 2909	220
Flash point (open cup)	°C	ISO 2592	245
Pour point	°C	ISO 3016	-9

For additional information, contact your local Totalenergies Lubricants representative or visit our web site: <https://lubricants.totalenergies.com>

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 <https://sdstotalms.total.com>