

Orites DS 270 X

Synthetic lubricant of Polyglycol with inherent anti-wear properties

APPLICATIONS

Orites DS 270 X is a high-performance synthetic fluid based on polyaklylene glycol chemistry.

It can provide excellent performance for the lubrication of very high-pressure ethylene and EVA compressors.

ADVANTAGES

Well-selected components - no interference with polymerization process and better control of early radicals before the reactors

Lower gas dilution in PAG oils – less gas leakage, less oil consumption and higher monomer conversion rate

Strong film adhesion and excellent lubricity – reduced cylinder and packing wear

More consistent viscosity over a wide pressure and temperature range – improved high-pressure pumpability even in cold weather

Finally, longer cylinder/packing lifetime and reduced maintenance shutdown

SPECIFICATIONS

ISO 6743-3, DGC

Orites DS 270 X is NSH-H1 registered (reference n° 140517) for incidental contact with food.

Orites DS 270 X conforms with the Regulation (UE) n°10/2011 related to plastic materials and articles intended to come into contact with foodstuffs.

APPROVALS

Orites DS 270 X has been tested and certified by BURCKHARDT COMPRESSION for its excellent pumpability at very high pressure. (> 3000 bar).

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://sds.totalms.total.com>

TYPICAL CHARACTERISTICS

Properties	Units	Standards	Orites DS 270 X
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

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