TECHNICAL DATA SHEET

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Orites TN 32

Hydrocracked mineral oil based turbine oil for the lubrication and seal-up of ammonia synthesis turbo compressor

APPLICATIONS

Orites TN 32 is used for the lubrication of bearings and couplings of the hydraulic control system and the seal-up of the rotary compressor.

ADVANTAGES

- Orites TN 32 meets the specifications of a turbine oil: excellent air release and desemulsibility performances. Very good foam control.
- High performance Gr III base oil: outstanding antioxidant behavior and rust protection.
- Very low sulfur content: maximum catalyst protection.
- Orites TN 32 is chemically inert towards ammonia: it avoids deposit formation
- in critical parts of the installation, thus reducing operating costs.
- Good compatibility with elastomers and metals improves the seal-up and the yield.
- Orites TN 32 is used successfully in the following compressors: DRESSERRAND, THERMODYN…

TYPICAL CHARACTERISTICS

Properties	Units	Standards	Orites TN 32
Density at 15°C	kg/m^3	ISO 3675	843
Viscosity at 40°C	mm^2/s	ISO 3104	32
Viscosity index	-	ISO 2909	133
Pour point	°C	ISO 3016	-39
Flash point (open cup)	°C	ISO 2592	238
Air release	min	ISO 9120	1
RPVOT	min	ASTM D 2272	2555
4-balls wear	min	ASTM D 4172	0.43

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

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