

# DACNIS LPG 150



Compressor



Synthetic polyalkyleneglycol (PAG) oil for hydrocarbon gas compressors.

## APPLICATIONS

**Hydrocarbon gas compressors in:**  
- maritime transport  
- industrial refrigeration

- Lubrication of rotary compressors of LPG hydrocarbon gases or liquefied natural gases LNG such as:
  - methane, ethane, ethylene, propane, propylene, butane, butylene, butadiene, as well as chemical gases such as:
  - ammonia, vinyl chloride monomer.
- Lubrication of refrigerating compressors using LPG gases as refrigerant fluid, in the oil and petrochemical industries (refinery, drilling platform, recompression post, liquification plant).

## SPECIFICATIONS

**OEM approvals and references**

- SULZER BURCKHARDT, HOWDEN, AERZEN, GRASSO

## ADVANTAGES

**Lubrication guaranteed**

**Optimal performance of the installation**

- The choice of specific polyalkyleneglycol base stocks allows the **DACNIS LPG 150** oil to be lightly affected by the diluting effect of hydrocarbon gases. The residual viscosity under gas saturated pressure condition complies with the required viscosity level of OEM's in gas compressor applications.
- Excellent chemical stability and resistance to oxydation, for a long period of run without maintenance.
- Safety operation of the compressor due to the anti-wear, anti-corrosion and anti-rust properties of the oil.
- Low pour point avoiding freezing of oil in the evaporator.

## HANDLING

**Hygroscopic product**

- Polyalkyleneglycol oils are highly hygroscopic, and thus may absorb the humidity in the ambient air. This may cause excess foaming in the compressor. It is therefore important to limit as much as possible the exposure to air and to fill the oil in the compressor unit after nitrogen inerting.

TYPICAL CHARACTERISTICS	METHODS	UNITS	DACNIS LPG 150
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	1050
Viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	150
Viscosity at 100°C	ISO 3104	mm <sup>2</sup> /s	26.4
Viscosity index	ISO 2909		220
Pour point	ISO 3016	°C	- 45
Flash point O.C.	ISO 2592	°C	275

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS**  
**Industrie & Spécialités**  
24-01-2014 (supersedes 16-01-2012)  
DACNIS LPG 150  
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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](http://www.quick-fds.com).