

DACNIS LD 32 - 46 - 68



Compressor

Hydrocracked mineral oils for lubricated screw air compressors.

APPLICATIONS

Lubricated screw air compressors

- Hydrocracked mineral oils with very high-performance additivation for lubrication of lubricated screw air compressors.
- **DACNIS LD** is characterized by its longer drain interval, which can reach 4000h for lubricated screw compressors, under standard conditions of use.
- Use under conditions in which the discharge temperature does not exceed 100°C. Beyond this, the use of synthetic lubricant is advised.

SPECIFICATIONS

International specifications

- **DACNIS LD** satisfies ISO DP 6521 and DIN 51506 VD-L requirements.
- ISO 6743-3 heavy-duty use: : DAJ classification.
- **DACNIS LD** satisfies the requirements of the specifications drawn up by the manufacturers of lubricated screw air compressors.

Manufacturers

ADVANTAGES

Optimized operating efficiency

- The formulation of the **DACNIS LD** endows them with the following properties :
 - remarkable thermal and oxidation stability and hence a drain interval of 4000h under standard conditions of use,
 - reduction in the formation of carbonaceous deposits,
 - better oil/air and oil/condensates separation to prevent formation of emulsion and protect the air/oil separating filter,
 - excellent protection of screws against wear and corrosion.

Minimized operating cost

- Use of **DACNIS LD** enables real reductions in the operating cost of the compressed air power plant by :
 - optimizing operating efficiency,
 - increasing the drain intervals to 6 months,
 - minimizing the use of maintenance kits,
 - ensuring protection of the machine components,
 - being compatible with all types of compressed air networks.

| TYPICAL CHARACTERISTICS | METHODS | UNITS | DACNIS LD | | |
|--|------------|--------------------|-----------|------|------|
| | | | 32 | 46 | 68 |
| Density at 15°C | ISO 3675 | kg/m ³ | 841 | 850 | 862 |
| Kinematic viscosity at 40°C | ISO 3104 | mm ² /s | 32 | 46 | 68 |
| Viscosity index | ISO 2909 | - | 127 | 127 | 127 |
| Pour point | ISO 3016 | °C | - 33 | - 33 | - 33 |
| VO flash point | ISO 2592 | °C | 238 | 244 | 254 |
| Conradson carbon residue | NF T 60116 | % | 0,1 | 0,1 | 0,1 |
| Sequence 1 foaming. 1 (Tendency / persistence) | ISO 6247 | ml/ml | 40/0 | 10/0 | 0/0 |

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS Industrie & Spécialités

14-12-2010 (supersedes 21-02-2008)

DACNIS LD 32 - 46 - 68

1/1



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