

# DACNIS



Compressor



## Mineral oils for rotary and reciprocating air compressors.

### APPLICATIONS

#### Rotary and reciprocating air compressors

- Mineral oils with specific high performance additives designed to lubricate screw and reciprocating air compressors:
  - . for screw compressors : **DACNIS 32, 46, or 68**
  - . for reciprocating compressors : **DACNIS 68, 100 or 150.**
- For use in conditions where the discharge temperature does not exceed 100°C, otherwise, the use of synthetic oils is preferred.

### SPECIFICATIONS

#### International specifications

#### O.E.M.'s

- ISO 6743-3 classified DAG & DAB for heavy duty applications.
- DIN 51 506 VD-L for the use of **DACNIS 100 & 150** in reciprocating air compressors.
- Depending on the viscosity grades, DACNIS meet the requirements of :  
BAUER, CIRRUS, COMPAIR, DRESSER RAND,  
NEUENHAUSER, SAUER & SOHN, SULZER BURCKHARDT,  
TANABE...

### ADVANTAGES

#### Compressor efficiency optimised

#### Operating cost minimised

- The properties of **DACNIS** :
  - avoid the carbon build up
  - allow a good oil/air and oil/condensates separation
  - protect components against wear and corrosion.
- The use of **DACNIS** allows real cuts in the operating costs of the compressed air production facility by optimising the compressor efficiency.
- Extending the service life of the separating filter elements. The **DACNIS** have an anti-clogging property that ensures the efficiency of the filters during a long period.

| TYPICAL CHARACTERISTICS | METHODS    | UNITS              | DACNIS |      |      |      |      |
|-------------------------|------------|--------------------|--------|------|------|------|------|
|                         |            |                    | 32     | 46   | 68   | 100  | 150  |
| Density at 15°C         | ISO 3675   | kg/m <sup>3</sup>  | 875    | 880  | 885  | 889  | 892  |
| Viscosity at 40°C       | ISO 3104   | mm <sup>2</sup> /s | 32     | 46   | 68   | 100  | 150  |
| Viscosity index         | ISO 2909   | -                  | 100    | 100  | 100  | 100  | 100  |
| Pour point              | ISO 3016   | °C                 | - 27   | - 27 | - 21 | - 6  | - 6  |
| Flash point (open cup)  | ISO 2592   | °C                 | 244    | 238  | 248  | 276  | 284  |
| Conradson Residue       | NF T 60116 | %                  | 0.13   | 0.13 | 0.11 | 0.04 | 0.11 |

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS**  
**Industrie & Spécialités**  
16-01-2009 (supersedes 17-07-2008)  
DACNIS  
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](http://www.quick-fds.com).