

# Dacnis SH 32 - 46 - 68 - 100

PAO Synthetic oils mainly for rotary screw air compressors

## APPLICATIONS

Lubrication and cooling of the following types of air compressors:

- rotary screw compressors (VG 32/46/ 68)
- reciprocating compressors (VG 100).

Recommended in case of severe operation conditions for air compressors: high ambient temperature, humidity, dust etc.

Suitable for the lubrication of vacuum pumps in case of primary vacuum.

Lubrication of natural gas compressors in case of low gas dilution

## ADVANTAGES

The formulation of the Dacnis SH endows them with the following performance:

- Outstanding resistance to the formation of sludge and carbon deposits,
- fast separation between oil/air and oil/condensates prevents formation of emulsion and protect the air/oil filters,
- excellent protection of screws against wear and corrosion.

Use of Dacnis SH helps to reduce the operation cost of a compressed air power plant by:

- optimizing operating efficiency,
- prolonging the oil drain interval up to 8000h
- minimize the frequency of mechanical maintenance

## SPECIFICATIONS

ISO 6743-3 DAJ, DGC

DIN 51506 VDL

## TYPICAL CHARACTERISTICS

| Properties             | Units              | Standards | Dacnis SH |     |     |     |
|------------------------|--------------------|-----------|-----------|-----|-----|-----|
|                        |                    |           | 32        | 46  | 68  | 100 |
| Density at 15°C        | kg/m <sup>3</sup>  | ISO 3675  | 831       | 838 | 836 | 839 |
| Viscosity at 40°C      | mm <sup>2</sup> /s | ISO 3104  | 32        | 46  | 68  | 100 |
| Viscosity index        | -                  | ISO 2909  | 137       | 140 | 152 | 159 |
| Pour point             | °C                 | ISO 3016  | < -60     | -58 | -58 | -54 |
| Flash point (open cup) | °C                 | ISO 2592  | 232       | 240 | 264 | 268 |

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>