

# DACNIS VS 32 - 46 - 68 - 150



Compressor

Mineral oils for rotary air compressors.

## APPLICATIONS

### Rotary air compressors

- Mineral oils with a specific high performance additive specially designed to lubricate rotary air compressors (screw, rotary vane,...):
  - For screw air compressors **DACNIS VS 46**
    - . if room temperature < 5 °C **DACNIS VS 32**
    - . if room temperature > 25 °C **DACNIS VS 68**
  - For rotary vane air compressors **DACNIS VS 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 DP 6521, DIN 51506 VDL certifications for the use of **DACNIS VS** in screw air compressors.
- NF-ISO 6743 classified DAJ for heavy duty applications.
- ATLAS COPCO, COMPAIR, HYDROVANE, ...

## ADVANTAGES

### Compressor efficiency optimised

### Operating cost minimised

- The properties of **DACNIS VS**:
  - avoids the carbon build up
  - allows a good oil/air and oil/condensates separation
  - protects the screws against wear and corrosion.

The use of **DACNIS VS** allows real cuts in the operating costs of the compressed air production facility by:

- Optimising the compressor efficiency
- Extending the drain intervals. The possible achieved drain intervals can be:
  - 1000 hours for field compressors
  - from 2000 to 3000 hours for fixed compressors in standard use, and up to 4000 hours with lubricant analysis monitoring.
- Extending the service life of the separating filter elements.

The **DACNIS VS** have an anti-clogging property that ensures the efficiency of the filters during a long period (up to 6000 hours).

TYPICAL CHARACTERISTICS	METHODS	UNITS	DACNIS VS			
			32	46	68	150
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	863	877	881	885
Viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	31	46,5	70	160
Viscosity index	ISO 2909	-	112	105	100	100
Pour point	ISO 3016	°C	- 36	- 30	- 27	- 24
Flash point (open cup)	ISO 2592	°C	220	240	240	272
Conradson Residue	NF T 60116	%	0.1	0.1	0.1	0.15
Foaming séq. 1 (Tendancy / persistancy)	ISO 6247	ml/ml	0/0	0/0	0/0	0/0

Above characteristics are mean values given as an information.

## TOTAL LUBRIFIANTS Industrie & Spécialités

11 september 2003 (supersedes 25 june 2001)

DACNIS VS 32-46-68-150

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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).

