

# DACNIS VS 32 - 46 - 68



Compressor

Mineral oils for lubricated rotary air compressors.

## APPLICATIONS

Lubricated screw air compressors

- Mineral oils with specific additivation for the lubrication of rotary screw air compressors.
- **DACNIS VS** is characterized by its longer drain interval, which can reach 2500-3500h for lubricated rotary 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

OEMs

- **DACNIS VS** satisfies ISO DP 6521 and ISO 6743-3 DAH requirements.
- Suitable for Atlas Copco, Kaishan, Compair, Lida, ...

## ADVANTAGES

Optimized operating efficiency

Minimized operating cost

- The formulation of the **DACNIS VS** endows them with the following properties :
  - good thermal and oxidation stability and hence a drain interval of 2500-3500h 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,
  - protection of screws against wear and corrosion.
- Use of **DACNIS VS** enables real reductions in the operating cost of the compressed air power plant by:
  - optimizing operating efficiency,
  - increasing the drain intervals:
    - 1000 h for field compressors
    - from 2000 to 3000 h for fixed compressors in standard use, and up to 4000 h with lubricant analysis monitoring
  - extending the service life of the separating filter elements

TYPICAL CHARACTERISTICS	METHODS	UNITS	DACNIS VS		
			32	46	68
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	858	861	870
Kinematic viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	32	46	68
Viscosity index	ISO 2909	-	111	108	102
Pour point	ISO 3016	°C	- 39	- 39	- 36
VO flash point	ISO 2592	°C	224	230	238

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
INDUSTRIE

19-01-2023 (supersedes 09-01-2013)

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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)