



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.
- Remarkable low-temperature properties along with improved oxidation stability.

TYPICAL CHARACTERISTICS	METHODS	UNITS	DACNIS				
			32	46	68	100	150
Density at 15°C	ISO 3675	kg/m ³	875	880	885	865	876
Viscosity at 40°C	ISO 3104	mm ² /s	32	46	68	100	150
Viscosity index	ISO 2909	-	100	100	100	106	104
Pour point	ISO 3016	°C	- 27	- 27	- 21	< -24	< -24
Flash point (open cup)	ISO 2592	°C	244	238	248	272	284
Conradson Residue	NF ISO 6615	%	0.13	0.13	0.11	< 0.10	< 0.10

Above characteristics are mean values given as an information.