



### 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 : **AIRNIS** 32, 46, or 68
  - . for reciprocating compressors : **AIRNIS** 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

##### Meets the requirements of

- ISO 6743-3 classified DAG & DAB for heavy duty applications.
- DIN 51 506 VD-L for the use of **AIRNIS** 100 & 150 in reciprocating air compressors.
- Depending on the viscosity grades, **AIRNIS** 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 **AIRNIS** :
  - avoid the carbon build up
  - allow a good oil/air and oil/condensates separation
  - protect components against wear and corrosion.
- The use of **AIRNIS** 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 **AIRNIS** have an anti-clogging property that ensures the efficiency of the filters during a long period.

TYPICAL CHARACTERISTICS	METHODS	UNITS	AIRNIS				
			32	46	68	100	150
Density at 15°C	ASTM D4052	kg/m <sup>3</sup>	875	878	880	889	895
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	32	46	68	100	150
Viscosity index	ASTM D2270	-	95	95	95	95	95
Pour point	ASTM D97	°C	- 27	- 27	- 21	- 21	- 21
Flash point (open cup)	ASTM D92	°C	220	238	248	260	284
Conradson Residue	NF T 60116	%	0.13	0.13	0.11	0.11	0.11

Above characteristics are mean values given as an information.