

AIRNIS SH 46



Compressor

PAO Synthetic oils for rotary air compressors.

APPLICATIONS

Rotary air compressors

- Lubrication and cooling of the following types of air compressors:
 - rotary screw compressors (ISO VG 32, 46, 68)
 - reciprocating compressors (ISO VG 100).
- Recommended whenever the discharge temperature exceeds 90°C and/or the discharge pressure exceeds 10 bars.
- Recommended for the lubrication of gears, plain and roller bearings working under severe conditions, where a CKS level is required.

SPECIFICATIONS

Meets the requirements of

- ISO 6743 classified DAJ for heavy duty applications.

ADVANTAGES

Compressor efficiency optimised

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

Operating cost minimised

The use of **AIRNIS SH** 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:
 - from 4000 to 6000 hours for fixed compressors in standard use
 - up to 8000 hours with lubricant analysis monitoring.
- Extending the service life of the separating filter elements.
The **AIRNIS SH** have an anti-clogging property that ensures the efficiency of the filters during a long period (up to 8000 hours).

TYPICAL CHARACTERISTICS	METHODS	UNITS	AIRNIS SH 46
Density at 15°C	ASTM D4052	kg/m ³	838
Viscosity at 40°C	ASTM D445	mm ² /s	46
Viscosity index	ASTM D2270	-	139
Pour point	ASTM D97	°C	- 39
Flash point (open cup)	ASTM D92	°C	230

Above characteristics are mean values given as an information.