

AIRNIS LD 32 - 46 - 68



Compressor



Hydrocracked mineral oils for lubricated screw air compressors.

APPLICATIONS

Lubricated screw air compressors

- Hydrocracked mineral oils with very high-performance additivation for lubrication of lubricated screw air compressors.
- **AIRNIS LD** is characterized by its longer drain interval, which can reach 4000h for lubricated screw 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

Meets the requirements of

Manufacturers

- **AIRNIS LD** satisfies ISO DP 6521 and DIN 51506 VD-L requirements.
- ISO 6743-3 heavy-duty use: DAJ classification.
- **AIRNIS LD** satisfies the requirements of the specifications drawn up by the manufacturers of lubricated screw air compressors.

ADVANTAGES

Optimized operating efficiency

Minimized operating cost

- The formulation of the **AIRNIS LD** endows them with the following properties:
 - remarkable thermal and oxidation stability and hence a drain interval of 4000h 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,
 - excellent protection of screws against wear and corrosion.
- Use of **AIRNIS LD** enables real reductions in the operating cost of the compressed air power plant by:
 - optimizing operating efficiency,
 - increasing the drain intervals to 6 months,
 - minimizing the use of maintenance kits,
 - ensuring protection of the machine components,
 - being compatible with all types of compressed air networks.

TYPICAL CHARACTERISTICS	METHODS	UNITS	AIRNIS LD		
			32	46	68
Density at 15°C	ASTM D4052	kg/m ³	841	852	862
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	32	46	68
Viscosity index	ASTM D2270	-	127	123	120
Pour point	ASTM D97	°C	- 33	- 33	- 33
VO flash point	ASTM D92	°C	238	244	254
Conradson carbon residue	NF T 60116	%	0,1	0,1	0,1
Sequence 1 foaming. 1 (Tendency / persistence)	ASTM D892	ml/ml	40/0	10/0	0/0

Above characteristics are mean values given as an information.

BEHTAM CO.
AIRNIS LD

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