

BOREAS

COMPRESSOR OIL

Description

Boreas is a universal high performance ashless air compressor oil designed to meet the severe requirements of major compressor manufacturers. Boreas can be used in mobile and stationary compressors such as reciprocating, centrifugal, piston, rotary screw and sliding vane compressors. It can also be used in circulating oil systems, plain and rolling element bearings, lightly loaded gear set but also as an ashless hydraulic oil meeting DIN 51524 part 2 (HLP) specification.

Benefits

- Excellent thermo-oxidative stability and anti-wear properties to ensure a reliable performance of the compressor under all conditions.
- Low tendency to form as and carbon to guarantee an improved valve performance.
- Minimized risk of fires and explosion in discharges systems.
- Proven results in oxidation test as well as in wear test for application in heavy duty conditions.
- Superior demulsibility and low foam tendency to reduce oil carryover and corrosion.



Performance levels

- DIN 51506 VBL/VCL/VDL
- ISO 6521-DAA/DAB/DAG/DAH
- DIN 51524
- Vickers M-2950-S/I-286-S
- AFNOR NF E 48-603 (HM, HV)

Typical Properties

ISO		32	46	68	100	150
Density @ 15°C	Kg/L	0.854	0.874	0.871	0.878	0.884
Viscosity at 40°C	Cst	32	46	68	100	150
Viscosity at 100°C	Cst	5.6	6.7	8.4	11.9	14.6
Viscosity Index		95	95	95	95	95
Pour point	°C	-30	-30	-24	-21	-30
Flash point C.O.C.	°C	220	225	230	240	250
Operating temperature	°C	-25/150	-25/150	-20/150	-20/150	-25/150