



ATLANTIC PREMIUM AIR COMPRESSOR OILS

Peak Pressure Performance

DESCRIPTION

ATLANTIC PREMIUM AIR COMPRESSOR OILS are premium performance, ashless air compressor oils, based on narrow cut high quality mineral oils. Used in almost all compressors, reciprocating, rotary screw and rotary vane type machines with discharge temperatures up to 150°C in stationary and mobile installations.

APPLICATIONS

ATLANTIC AIR COMPRESSOR OILS are designed primarily for rotary screw and vane air compressor, particularly effective for continuous high temperature operation with discharge temperatures up to 200° C. Suitable for units with a history of excess oil degradation, poor valve performance or deposit formation & are compatible with all metals used in compressor construction and with mineral-oil compatible elastomers used in seals, O-rings and gaskets, compressor systems with critical gears and bearings, units operating under severe conditions.

ATLANTIC PREMIUM AIR COMPRESSOR OILS show excellent performance in the following types of compressors;

- Reciprocating air compressor crankcases and cylinders
- Rotary screw compressors
- Rotary vane compressors
- Axial and centrifugal compressors
- Compressor systems with critical gears and bearings
- Compressors used in stationary and mobile applications

ATLANTIC AIR COMPRESSOR OILS are not recommended for air compressors used in breathing air applications.

PRODUCT BENEFITS

- Improved compressor performance
- Reduced deposits in discharge lines
- Reduced potential for fires and explosions in discharge systems
- Reduced wear of rings, cylinders, bearings and gears
- Less carryover to downstream equipment
- Reduced sludge formation in crankcases and discharge lines
- Improved protection of valves and reduced wear of rings and cylinders
- Longer oil life
- Improved filter life
- Lower maintenance costs
- Improved valve performance
- Reduced blockage of coalescers
- Less potential for emulsion formation

RECOMMENDATIONS / SPECIFICATIONS

Meets or exceeds the requirements of: China GB/T 12691-2021, L-DAB (ISO VG 32,46,68,100,150), China GB/T 12691-2021, L-DAH (ISO VG 46,68), DIN 51506:1985-09 VDL (ISO VG 32,46,68,100,150),

TYPICAL TECHNICAL PROPERTIES

Product code	PREMIUM SERIES				
	IL-25009-1	IL-25009-2	IL-25009-3	IL-25009-4	IL-25009-5
ISO Viscosity Grade	32	46	68	100	150
Density at 15°C, g/ml, ASTM D4052	0.866	0.873	0.877	0.879	0.866
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	32	46	68	104.6	147.3
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	5.4	6.9	8.9	11.6	14.7
Viscosity Index, ASTM D2270	105	105	105	100	100
Flash Point(COC), °C, ASTM D92	236	238	251	264	269
Copper Strip Corrosion, 3 h, 100 C, Rating, ASTM D130	1B	1B	1A	1B	1A
Rust Characteristics; ASTM D665	PASS (Procedure B)	PASS (Procedure B)	PASS (Procedure A)	PASS (Procedure A)	PASS (Procedure A)

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.

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* supersedes all previous versions

Packing: 18L, 20L, 25L, 200L, 205L, 208L, 210L