

AIRMAX COMPRESSOR OIL



Product Description

Airmax Oil Series is a premium performance ashless air compressor lubricants designed to meet the stringent requirements of the major compressor manufacturers. They are formulated with high quality mineral base-oils and a high performance additive system designed to provide exceptional equipment protection and reliability for compressors operating under mild to severe conditions. They provide excellent wear protection and the ability to reduce maintenance costs through minimising equipment problems and downstream deposits and carryover. Because of their high FZG Ratings, the Airmax Oil Series make outstanding lubricants for compressor systems employing gears and bearings making them an excellent selection for crankcases as well as cylinder lubricants.

Salient Features:

- Low Ash and Carbon Formation
- Outstanding Oxidation and Ther Stability
- High Load-carrying ability
- Excellent Water Separability
- Effective Rust and Corrosion Protection

Applications:

Airmax Oil Series are recommended for single and multistage air compressors. They are particularly effective for continuous high temperature operation. The maximum compressed air temperature, according to DIN 51506, is 220 °C. They are suitable for reciprocating and rotary type machines with the lower viscosity grades mainly used in rotary compressors. Airmax Oil Series are recommended for units with a history of excess oil degradation, poor valve performance or deposit formation. They are compatible with all metals used in compressor construction and with mineral-oil compatible elastomers used in seals, O-rings and gaskets.

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Applications include:

- 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

** Airmax Series oils are not intended or recommended for use in air compressors for breathing applications.*

Approvals:

This product meets or exceeds the requirements of:

- ✓ DIN 51506:1985-09 VDL

Specifications

Tests	ASTM Method	Results				
		32	46	68	100	150
ISO VG						
Kinematic Viscosity at 100°C,mm ² /s	ASTM D 445-21	5.38	6.95	9.26	10.75	14.47
Kinematic Viscosity at 40°C,mm ² /s	ASTM D 445-21	31.0	45.8	73.08	95.8	148.3
Viscosity Index	ASTM D 2270	112	110	102	94	95
Color ASTM	ASTM D1500	L0.5 ASTM Color	L0.5 ASTM Color	L0.5 ASTM Color	L1.5 ASTM Color	L2.5 ASTM Color
Density @ 29.4 °C g/ml	ASTM D 4052	0.847	0.8545	0.8621	0.8672	0.8748

Health & Safety

This product is dangerous for health, especial precautions to be used in handling of product, avoid skin contact. This product should not be used for purposes other than its intended use.

If disposing of used product, take care to protect the environment.

