

# TRIAX KOMPRESSOR™ MV

## FULL SYNTHETIC, MULTI-PURPOSE AND LONG DRAIN AIR COMPRESSOR LUBRICANT

TRIAX Kompressor™ Series is a line of premium, high-performance air compressor lubricants engineered to meet the demanding requirements of modern compressor systems. Formulated with high-purity synthetic base oils and an advanced ashless, zinc-free, non-detergent additive system, these lubricants deliver exceptional reliability and long service life in both moderate and severe operating conditions.

Designed to minimize deposits, varnish formation, and carryover, TRIAX Kompressor oils provide superior cleanliness and extended drain intervals, reducing maintenance costs and unplanned downtime. The ashless formulation ensures optimal performance in systems where deposit control and air purity are critical, while maintaining excellent oxidation stability and thermal resistance.

With outstanding protection for bearings, rotors, and gears, TRIAX Kompressor Series is suitable for use across a wide range of compressor types, including rotary screw, vane, reciprocating, and centrifugal systems, making it a versatile, high-performance solution for industrial air compression applications.

## PERFORMANCE HIGHLIGHTS

- Ultra-low pour point ensures reliable cold-start performance and rapid oil circulation in extreme temperatures down to -49°F
- Advanced ashless, zinc-free, detergent-free additive system engineered for superior control of foam, corrosion, shear, varnish, and deposit formation
- Exceptional thermal and oxidative stability delivers extended service intervals and long fluid life in both operation and storage
- High shear stability maintains viscosity integrity under continuous, high-load operating conditions
- Engineered for sustained performance in high-temperature, high-load, and continuous-duty compressor environments
- Robust, high-strength lubricating film prevents metal-to-metal contact, even under elevated temperatures and severe stress (Max tem 220°C)
- Outstanding corrosion protection, including sensitive yellow metal components, throughout the full service life
- \* Enhanced load-carrying capability exceeding conventional compressor lubricant performance benchmarks
- \* Clean-running formulation ensures sludge-free operation and maximizes system cleanliness
- \* Advanced anti-wear protection reduces bearing vibration, minimizes surface fatigue, and improves operational smoothness
- \* Significantly extends component life and reduces total cost of ownership compared to conventional compressor oils

## APPLICATIONS

- 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
- Not for use in systems requiring PAG, POE, or other non-petroleum lubricants, Food-grade (NSF H1) applications
- Compressors handling hydrocarbons (natural gas, propane, butane) or reactive gases

## SPECIFICATIONS

Suitable for use where applications call for the following specifications.

- DIN 51506 – VDL - Air Compressor Lubricants for High-Temperature, Severe Service Applications
- DIN 51517-3 – CLP - Industrial Gear Oil Standard (Load-Carrying and Anti-Wear Performance)
- ISO 6743-3 – DAJ / DAG / DAB - Air Compressor Lubricant for Rotary, Reciprocating, and Severe Duty Systems
- ISO 3448 - Viscosity Classification (ISO VG Grades)

## CHEMICAL PROPERTIES

TEST CRITERIA	32	46	100
Specific Gravity @ 60C	0.87	0.81	0.89
Kinematic Viscosity @ 40C	32	46	100
Kinematic Viscosity @ 100C	5.83	7.58	13.26
Viscosity Index	125	130	130
Flash Point C (F)	240 (464)	240 (464)	240 (464)
Pour Point C (F)	-45 (-61)	-45 (-61)	-45 (-56)
Copper Strip Corrosion ASTM D130, 24H @ 100C	1A	1A	1A
FZG Scuffing, Fail Load Stage, A/8.3/90, ISO 14635-1	12	11	11

Small deviations from these results are expected during the manufacturing process and do not affect product

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**For use in rotary screw, vane, reciprocating, axial, and centrifugal air compressors from major OEMs, including:**

**Atlas Copco, Ingersoll Rand, Kaeser Compressors, Sullair, Gardner Denver, Quincy Compressor, Chicago Pneumatic, FS-Curtis, Kobelco, Boge Compressors, Elgi Equipments, Sauer Compressors and many other brands.\***

**Up to  
20,000 HOURS  
OXIDATION FLUID LIFE**

Engineered for extended service intervals of up to 20,000 hours, supported by exceptional oxidation resistance and deposit control validated through ASTM D943 (TOST), RPVOT, and DIN 51506 VDL performance standards.