



Kompressor™ MV

Full Synthetic, Multi-Purpose & Long-Drain Air Compressor Lubricant

Rev: 2026-06-27

DESCRIPTION

TRIAX Kompressor MV is a premium, full-synthetic, multi-purpose air compressor lubricant engineered for the demanding requirements of modern compressor systems. It is built on high-purity synthetic base oils and an advanced ashless, zinc-free, non-detergent additive system that delivers exceptional reliability and long service life under both moderate and severe operating conditions, while minimizing deposits, varnish, and oil carryover for superior cleanliness, air purity, and extended drain intervals. With outstanding oxidation stability, thermal resistance, and protection for bearings, rotors, and gears, Kompressor MV performs across a wide range of compressor types — rotary screw, vane, reciprocating, axial, and centrifugal — making it a versatile, high-performance solution for industrial air compression that lowers maintenance costs and unplanned downtime.

UP TO 20,000 HOURS OXIDATION FLUID LIFE • ASTM D943 (TOST), RPVOT & DIN 51506 VDL

PERFORMANCE HIGHLIGHTS

- Ultra-low pour point ensures reliable cold starts and rapid oil circulation in extreme cold, down to -49 °F
- Advanced ashless, zinc-free, detergent-free additives control foam, corrosion, shear, varnish, and deposits
- Exceptional thermal and oxidative stability delivers extended drain intervals and long fluid life
- High shear stability maintains viscosity integrity under continuous, high-load operation
- Engineered for sustained performance in high-temperature, high-load, continuous-duty environments (up to 220 °C)
- Robust, high-strength lubricating film prevents metal-to-metal contact under high heat and severe stress
- Outstanding corrosion protection — including sensitive yellow-metal components — throughout the full service life
- Advanced anti-wear protection cuts bearing vibration and surface fatigue for smoother, sludge-free running
- Significantly extends component life and reduces total cost of ownership versus conventional compressor oils

SPECIFICATIONS & APPLICATIONS

TRIAX Kompressor MV is suitable for reciprocating compressor crankcases and cylinders, rotary screw and vane compressors, axial and centrifugal compressors, and any compressor systems with critical gears and bearings, in both stationary and mobile service. It is not intended for systems requiring PAG, POE, or other non-petroleum lubricants, for food-grade (NSF H1) applications, or for compressors handling hydrocarbon gases (natural gas, propane, butane) or reactive gases.

For use in applications requiring the following specifications:

- DIN 51506 – VDL (air compressor lubricants for high-temperature, severe service)
- DIN 51517-3 – CLP (industrial gear oil — load-carrying & anti-wear performance)
- ISO 6743-3 – DAJ / DAG / DAB (rotary, reciprocating & severe-duty compressors)

Fully compatible with most OEMs, including but not limited to the following:

- Atlas Copco
- Ingersoll Rand
- Kaeser
- Sullair
- Gardner Denver
- Quincy
- Chicago Pneumatic
- FS-Curtis
- Kobelco
- Boge
- Elgi Equipments
- Sauer
- and many others

If a specification is listed above, the product meets or exceeds that specification, or is suitable for use in equipment requiring that specification.

TYPICAL PROPERTIES

Parameter (Test Method)	VG 32	VG 46	VG 68	VG 100
Specific Gravity @ 60 °C	0.87	0.81	0.83	0.89
Kinematic Viscosity @ 40 °C, cSt (ASTM D445)	32	46	68	100
Kinematic Viscosity @ 100 °C, cSt (ASTM D445)	5.83	7.58	8.5	13.26
Viscosity Index (ASTM D2270)	125	130	130	130
Flash Point, °C (°F) (ASTM D92)	240 (464)	240 (464)	240 (464)	240 (464)
Pour Point, °C (°F) (ASTM D97)	-45 (-49)	-45 (-49)	-45 (-49)	-45 (-49)
Copper Strip Corrosion, 24 h @ 100 °C (ASTM D130)	1A	1A	1A	1A
FZG Fail Load Stage, A/8.3/90 (ISO 14635-1)	12	11	12	11

These are typical values. There may be small differences in actual values which are a normal part of production and do not affect product performance or specification compliance.