

TECHNICAL DATA SHEET

AERO COOL

Synthetic Air Compressor Oil and Coolant · 203 Series

AERO COOL is a synthetic PAG/ester based air compressor lubricant and coolant formulated for long-term use in screw and centrifugal compressors. Its clean-running chemistry helps control sludge, carbon, and varnish formation while maintaining stable lubrication under demanding operating conditions.

Designed for air compressors exposed to water contamination, elevated discharge temperatures, and extended drain intervals, AERO COOL offers strong wear protection, good water separation, and resistance to foaming and chemical contamination. It delivers fluid life up to 14,000 hours at discharge temperatures below 90 °C.

**APPLICATIONS**

- Screw air compressors
- Centrifugal air compressors

COMPLIANCE**Screw air compressors**

- Fluid life: 14,000 h (<90 °C)
- Fluid life: 12,000 h (90-100 °C)
- Fluid life: 10,000 h (100-110 °C)

Centrifugal air compressors

- Fluid life: 24,000 h

BENEFITS

- Superior carbon and varnish control
- Very long fluid life
- Excellent wear protection
- Good water separation
- Resists chemical contamination
- Resists foaming with excellent air release

TECHNICAL SPECIFICATIONS

Typical properties

ISO Viscosity Grade	32	46
Viscosity @ 40 °C (cSt)	32	44
Viscosity @ 100 °C (cSt)	6.94	7.7
Viscosity Index	143	146
Density @ 15 °C (g/cm³)	0.98	0.98
Pour Point (°C)	-53	-51
Flash Point (°C)	245	254
Copper Strip Corrosion (D130)	1b	1b
Rust Test (D665, Distilled H ₂ O)	Pass	Pass

NOTE

Values in this Technical Data Sheet are typical and do not constitute a specification. Manufacturing specifications are available on request. Routine oil analysis is recommended to assess the in-service condition of the lubricant. Specifications are subject to change due to formulation or raw-material updates; always verify that this TDS is the most current version.