

TECHNICAL DATA SHEET

AERO 4000

Mineral Air Compressor Lubricant · 191 Series

AERO 4000 is a high-quality mineral oil based air compressor lubricant formulated for piston and screw compressors operating under normal to moderately demanding conditions. It provides reliable lubrication and protection while helping maintain clean compressor operation.

Designed for portable and stationary compressors, AERO 4000 offers good carbon and varnish control, superior water separation, and protection against rust and corrosion. It delivers fluid life up to 6,000 hours at discharge temperatures below 90 °C.



APPLICATIONS

- Piston air compressors
- Screw air compressors

COMPLIANCE

- Fluid life: 6,000 h (<90 °C)
- Fluid life: 4,000 h (90-100 °C)
- Fluid life: 3,000 h (100-110 °C)

BENEFITS

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

TECHNICAL SPECIFICATIONS

Typical properties

ISO Viscosity Grade	22	32	46	68	100	150
Viscosity @ 40 °C (cSt)	23	31	44	64	94	148
Viscosity @ 100 °C (cSt)	4.2	5.2	6.6	8.6	11.5	17.4
Viscosity Index	94	97	99	105	110	128
Density @ 15 °C (g/cm³)	0.856	0.87	0.87	0.87	0.87	0.89
Pour Point (°C)	-45	-46	-44	-42	-38	-32
Flash Point (°C)	206	221	232	241	271	273
Colour (ASTM 1500)	0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5
Copper Strip Corrosion (D130)	1a	1a	1a	1a	1a	1a
Rust Test (D665, Distilled H ₂ O)	Pass/Pass	Pass/Pass	Pass/Pass	Pass/Pass	Pass/Pass	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.