

AERO 4000

Mineral Air Compressor Oil (191 Series)

AERO 4000 is a high-quality mineral oil-based air compressor lubricant that provides reliable lubrication and protection. It helps maintain clean compressor operation and offers a service life of 4,000 to 6,000 hours.

Applications

- Piston air compressors
- Screw air compressors

Fluid Life

Discharge temperature	Fluid Life (Hours)
<90°C	6.000
90 - 100°C	4.000
100 - 110°C	3.000

Benefits

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



Specifications

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 g/cm ³ @ 15 °C	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 (ASTM D130) (100 °C for 3 h)	1a	1a	1a	1a	1a	1a
Rust Test (ASTM D665) (Distilled Water)	Pass/Pass	Pass/Pass	Pass/Pass	Pass/Pass	Pass/Pass	Pass/Pass

Values included in this TDS are typical and do not constitute a specification. Manufacturing specifications are available upon request. Minimum operating temperatures are based on low temperature viscosity measurements and refrigerant miscibility data. Consult a Next Lubricants representative for operations below the pour point of the oil. It is recommended that routine oil analysis tests be performed to properly assess the condition of the oil. Verify that this TDS is the most UpToDate version, specifications are subject to change due to possible formulation and raw material changes.

