

AERO XL

Extended Life Air Compressor Oil (394 Series)

AERO XL is an synthetic air compressor oil that will provide a long fluid life even in extreme environmental conditions. AERO XL is also ideal for compressors prone to heavy carbon and varnish deposits, keeping these compressors running clean.

AERO XL is compatible with a wide range of air compressor oils, allowing for easy fluid replacement without flushing.



Applications

- Rotary screw compressors
- Piston (reciprocating) compressors
- Centrifugal compressors

Fluid Life

Discharge temperature	Fluid Life (Hours)
<90°C	16.000
90 - 100°C	14.000
100 - 110°C	12.000

Benefits

- Aero long life formulation
- Removes carbon and varnish deposits
- Replaces most OEM and after-market air compressor lubricants
- Meets DIN 51506 VDL requirements
- Contributes to lower operating temperature
- Helps maintain cooler cleanliness
- Excellent wear protection
- Good water separation
- Resists chemical contamination
- Resists foaming, excellent air release properties
- Excellent protection against corrosion and rust



Specifications

ISO Viscosity Grade	32	46	68	100	150
Viscosity @ 40 °C (cSt)	32	44	64	100	148
Viscosity @ 100 °C (cSt)	5,7	7,2	9,6	14,7	19,9
Viscosity Index	119	123	130	152	158
Density g/cm ³ @ 15 °C	0,86	0,86	0,86	0,87	0,87
Pour Point (°C)	-57	-54	-48	-45	-42
Flash Point (°C)	240	254	255	258	259
Colour (ASTM 1500)	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
Rust Test (ASTM D665) (Distilled Water)	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.

