

AERO FGXL

Extended Life Food Grade Air Compressor Oil (254 Series)

AERO FGXL utilizes next generation synthetic food grade base oils to provide a very long fluid life, and ultra clean performance all while meeting food grade requirements.

AERO FGXL is formulated to improve cleanliness by removing carbon and varnish deposits.

AERO FGXL complies with FDA 21 CFR 178.3570 requirements and has been registered as H-1 by NSF



Applications

- Rotary screw compressors
- Rotary vane compressors
- Piston compressors
- Hydraulic systems
- Air tools

Fluid Life

Discharge temperature	Fluid Life (Hours)
<90 °C	14.000
90 - 100 °C	12.000
100 - 110 °C	10.000



Benefits

- Food grade formulation
- Excellent carbon and varnish control
- Very long fluid life
- Registered as H-1 (NSF)
- Meets DIN 51506 VDL requirements
- Excellent wear protection
- Good water separation
- Resists chemical contamination
- Resists foaming, excellent air release properties

Specifications

ISO Viscosity Grade	32	46	68	100	150
Viscosity @ 40 °C (cSt)	34	46	68	100	145
Viscosity @ 100 °C (cSt)	6.2	7.7	10.4	14.5	20.1
Viscosity Index	132	133	140	149	160
Density g/cm ³ @ 15 °C	0,84	0,84	0,84	0,85	0,85
Pour Point (°C)	-58	-57	-54	-51	-48
Flash Point (°C)	246	258	262	265	267
Colour (ASTM 1500)	1,5	1,5	1,5	1,5	1,5
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.

