



Rodutherm AERO XL

Extended Life Synthetic Air Compressor Lubricant · 394 Series | Technical Data Sheet

Introduction

Rodutherm AERO XL is a synthetic air compressor oil that provides 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, Gases & Benefits

Applications	Gases	Benefits
▶ Rotary screw compressors ▶ Piston (reciprocating) compressors ▶ Centrifugal compressors	▶ Compressed air	▶ Very long fluid life (12,000–16,000 hours) ▶ Removes carbon and varnish deposits ▶ Replaces most OEM and after-market air compressor lubricants ▶ Meets DIN 51506 VDL requirements ▶ Contributes to lower operating temperature ▶ Excellent wear protection ▶ Good water separation

Technical Specifications

Property		VG 32	VG 46	VG 68	VG 100	VG 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 @ 15 °C	g/cm ³	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
Copper Strip (D130)		1a	1a	1a	1a	1a
Rust Test (D665)		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. Specifications are subject to change due to formulation or raw-material updates; always verify that this TDS is the most current version.

NEXT AERO XL — Technical Data Sheet The data presented is typical and subject to normal manufacturing variation. For product safety information, please refer to the Safety Data Sheet.