



Rodutherm AERO COOL

Synthetic Air Compressor Lubricant & Coolant · 203 Series | Technical Data Sheet

Introduction

Rodutherm AERO COOL is a specially formulated lubricant and coolant designed for long term use in air compressors. This advanced PAG/ester formulation has an extremely long oil life and is a very clean running formulation. It provides better protection against water contamination, rust as well as sludge and carbon buildup.

Applications, Gases & Benefits

Applications	Gases	Benefits
▶ Screw compressors ▶ Centrifugal compressors	▶ Compressed air	▶ Superior carbon and varnish control ▶ Very long fluid life (10,000–14,000 hours) ▶ Excellent wear protection ▶ Good water separation ▶ Resists chemical contamination ▶ Resists foaming — excellent air release properties

Technical Specifications

Property		VG 32	VG 46
Viscosity @ 40 °C	cSt	32	44
Viscosity @ 100 °C	cSt	6.94	7.7
Viscosity Index		143	146
Density @ 15 °C	g/cm ³	0.98	0.98
Pour Point	°C	-53	-51
Flash Point	°C	245	254
Copper Strip (D130)		1b	1b
Rust Test (D665)		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.

Rodutherm AERO COOL — 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.