

Introduction

Rodutherm 717-100 has been developed for the high pressures and temperatures inherent to ammonia heat pump applications. It contains advanced antioxidants and highly stable base oils which help provide protection against thermal and oxidative degradation. This product also contains next generation anti-wear additives which provide enhanced protection against wear and friction.

Applications, Gases & Benefits

Applications	Gases	Benefits
▶ High pressure ammonia heat pumps	▶ Ammonia (R-717)	▶ Long fluid life ▶ Excellent thermal stability ▶ Excellent seal compatibility ▶ Excellent wear protection ▶ Excellent corrosion protection

Technical Specifications

Property	VG 100	
Viscosity @ 40 °C	cSt	102
Viscosity @ 100 °C	cSt	11.9
Viscosity Index		105
Density @ 15 °C	g/cm ³	0.87
Pour Point	°C	-33
Flash Point	°C	270
Colour (ASTM 1500)		0

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 717-100 — 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.