

NEXT 717-100

Ammonia Heat Pump Oil

NEXT 717-100 has been developed for the high pressures and temperature inherent to ammonia heat pump applications.

NEXT 717-100 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

- High pressure ammonia heat pumps

Gases

- Ammonia (R-717)

Benefits

- Long fluid life
- Excellent thermal stability
- Excellent seal compatibility
- Excellent wear protection
- Excellent corrosion protection



Specifications

	NEXT 717-100
ISO Viscosity Grade	100
Viscosity @ 40 °C (cSt)	102
Viscosity @ 100 °C (cSt)	11.9
Viscosity Index	105
Density g/cm ³ @ 15 °C	0.87
Pour Point (°C)	-33
Flash Point (°C)	270
Colour (ASTM 1500)	0

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.

