

NEXT 717-100-XLT

Semi Synthetic Ammonia Heat Pump Oil

NEXT 717-100-XLT is composed of a blend of highly refined mineral and synthetic base oil. This blend of base oils will provide superior low temperature fluidity, excellent seal compatibility and a very low oil carryover rate.

NEXT 717-100-XLT contains advanced anti-wear and seal conditioning additives to help maintain vital system components. NEXT 717-100-XLT also contains advanced antioxidants and highly stable base oils which help provide protection against thermal and oxidative degradation.



Applications

- High pressure ammonia heat pumps
- Reciprocating (piston) compressors
- Rotary screw compressors

Gases

- Ammonia (R-717)

Benefits

- Ideal for applications with oil return issues
- Long fluid life
- Excellent low temperature fluidity
- Excellent wear protection
- Excellent seal compatibility



Specifications

	NEXT 717-100-XLT
ISO Viscosity Grade	100
Viscosity @ 40 °C (cSt)	100
Viscosity @ 100 °C (cSt)	13.3
Viscosity Index	134
Density g/cm ³ @ 15 °C	0.85
Pour Point (°C)	-45
Flash Point (°C)	265
Rust Test (ASTM D665)(Distilled water)	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.

