NXT 717
Synthetic Ammonia Compressor Lubricant

NXT 717 represents the next generation of 2-stage hydrocracked ammonia refrigeration lubricants. This lubricant is an enhanced version of the technology used by most OEMs. It offers reduced solubility with ammonia, less oil carryover, and better pumpability even under extremely low-temperature conditions.

NXT 717 is also completely top-off compatible with most normal paraffinics, naphthenics, alkylbenzenes, PAOs, and single-stage hydrocracked products.

ATTRIBUTES

- Specifically designed for use in ammonia refrigeration compressors
- Low volatility, resulting in less carryover to evaporators
- Thermal and oxidative stability promotes longer fluid life and extended oil-drain intervals
- Low solubility with ammonia
- Increased protection against rust, corrosion, carbon and varnish
- Non-toxic/non-hazardous
- High viscosity index for superior pumpability at lower temperatures and better protection at high temperatures
- Excellent film strength and anti-wear properties for better protection of compressor parts
- High flash and auto-ignition points for added safety
- Pour point enhanced as a result of the addition of proprietary additives

TYPICAL LUBRICANT PROPERTIES

NXT 717 Viscosities	68
Viscosity cSt @ 40°C	62.9
Viscosity cSt @ 100°C	8.5
Viscosity Index	120
Flash Point °F (°C)	465 (241)
Auto-Ignition Point °F (°C)	715 (379)
Pour Point °F (°C)	-54 (-48)
Copper Corrosion, 24 Hr	1a
Demulsibility, 130°F, 30 Min	40/40/0
Color	<0.5