

# NEXT 717

## Ammonia Refrigeration Oil

NEXT 717 has been specifically formulated for use in ammonia refrigeration systems. Utilizing ultra pure 2-stage hydrocracked base fluids and advanced additives. NEXT 717 will deliver unsurpassed performance in a wide variety of operating conditions

NEXT 717 has an exceptionally low fluid loss rate, and excellent low temperature fluidity. This will not only reduce lubricant consumption and help promote better fluid return, but it will also help promote better thermal transfer efficiency.

NEXT 717 is also available with a seal conditioner additive (NEXT 717SC) and as a food grade formulation (NEXT 717FG).



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## Applications

- Reciprocating compressors
- Rotary screw compressors

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## Gasses

- Ammonia (R-717), for use in applications down to -45 °C

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## Approvals

- GEA, Mayekawa (Mycom), Howden, DIN 51503-KA

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## Benefits

- Long fluid life
- Excellent low temperature fluidity
- Excellent wear protection
- Excellent corrosion protection



## Specifications

	NEXT 717-68	NEXT 717-68FG	NEXT 717-68SC
Viscosity @ 40 °C (cSt)	62	61	61.5
Viscosity @ 100 °C (cSt)	8.61	8.55	8.52
Viscosity Index	110	111	109
Specific Gravity @ 15 °C	0.85	0.85	0.85
Pour Point (°C)	-42	-42	-42
Flash Point (°C)	248	246	247
Colour (ASTM 1500)	0	0	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.

