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# R-717

## Premium Ammonia Refrigeration Compressor Lubricant

R-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.

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

### ATTRIBUTES

- Formulated specifically for use in ammonia refrigeration systems
- Very low oil carryover rates, 50-80% less than competitor formulations
- Long-lasting formulation, significantly increases fluid life
- Reduced lubricant use
- Less viscosity dilution due to lower ammonia solubility
- For use in applications with evaporator temperatures down to -45°C
- Compatible with most competitive fluids, no flushing required

### TYPICAL LUBRICANT PROPERTIES

<b>R-717 Grades</b>	<b>68</b>
Viscosity Index	110
Viscosity cSt @ -40°C	115,602
Viscosity cSt @ -20°C	5,758
Viscosity cSt @ 0°C	825
Viscosity cSt @ 40°C	62
Viscosity cSt @ 100°C	8.7
Flash Point °F (°C)	480 (249)
Pour Point °F (°C)	-34.6 (-37)
Copper Corrosion, 24 Hr	1a
Demulsibility, 130°F, 30 Min	40/40/0