

CAMCO® 717 HT

Ammonia Refrigeration Oil



The **CAMCO® 717-HT** is a 2 Stage Severly Hydrotreated mineral oil, which takes on the characteristics of Synthetic oil. The **717-HT** is extremely refined to a 99.9% pure base oil. This process removes all impurities and all wax, so there is no carbon forming ability. **CAMCO® 717-HT** has an additive package to enhance performance, while protecting the equipment from corrosion, oxidation and anti-foam. This gives you the highest quality ammonia oil to date.

CAMCO® 717 Series has a unique closed molecular structure making it extremely thermal and oxidatively stable, extending the drain interval several thousand hours over conventional ammonia refrigeration lubricants. It has lubricity twice that of conventional refrigeration oils for reciprocating, screw and rotary vane compressors, resulting in the following:

Applications

- Rotary Screw
- Rotary Vane
- Reciprocating or Piston

Other CAMCO® Ammonia Oils

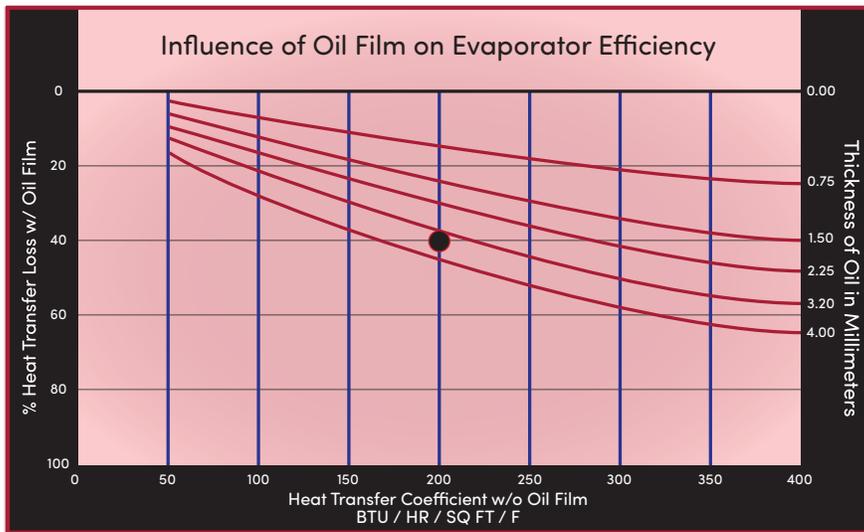
- **CAMCO® 717-SC**
- **CAMCO® 717-LT Low Temp**
- **CAMCO® 717-LTSC Low Temp w/ Seal Conditioner**

The Advantages to the CAMCO® 717 Series

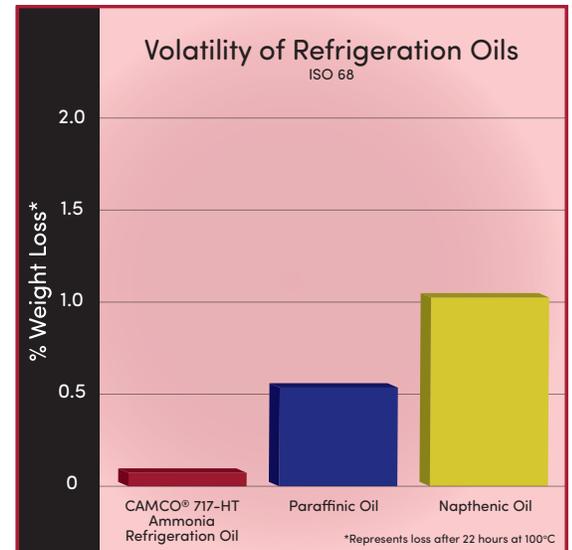
- Designed specifically for ammonia applications.
- Very low volatility and solubility with ammonia
- 50% less oil carry over than conventional oils
- Much less oil consumption per year
- Twice the lubricity over Naphthenic oils
- Higher efficiency with less energy consumption
- Compatible with all OEM oils and Mineral oils

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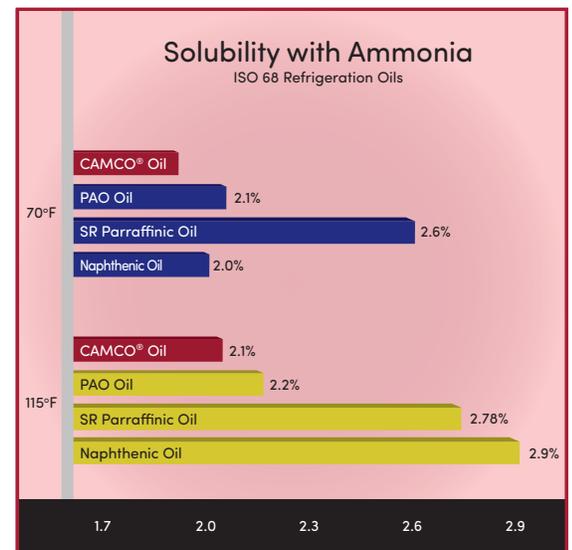
Less oil film in the evaporator tubes, the better your cooling efficiency is.
Less oil in the system, the better the system efficiency.



The CAMCO® 717 Series has very low volatility, resulting in more oil remaining in the compressor and less make up oil to add.

Typical Properties*

Property	Method	Units	68
Viscosity @ 40°C	ASTM D445	cSt	63.3
Viscosity @ 100°C	ASTM D445	cSt	8.51
Viscosity Index	ASTM D2270		105
Density @ 20°C	ASTM D4052	g/cm ³ lb/gal	0.867 7.24
Flash Point	ASTM D92	°C (°F)	236 (457)
Pour Point	ASTM D97	°C (°F)	-39 (-38)
Total Acid Number	ASTM D-97	mgKOH/g	≤0.05
RPVOT	ASTM D-2272	min	850±
Foam , Sequence	ASTM D-892 with R-717	ml ml ml	0 10/0 0
Appearance			Clear white



The CAMCO® 717 Series is less soluble with ammonia, so less refrigerant will mix with the oil, and prevent oil loss to the system.

*These values are not intended for use in preparing specifications