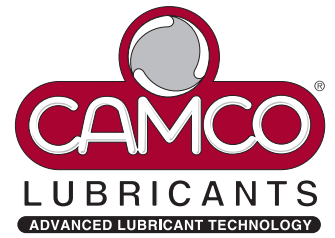


CAMCO® 717 LTSC

Low Temp Formula w/ Seal Conditioner



CAMCO® 717-LTSC is a blend of Synthetic Hydrocarbon (PAO) and semi-synthetic fluid (717-HT) and specifically designed to: protect against corrosion, oxidation and thermal breakdown, provide seal swell (patent pending), improve coalescing, and prevent foaming. The 717-LTSC is designed specifically for low temperature ammonia applications. It is widely used in systems operating at low suction temps down to -60°F. Used for applications where the lubricant is subjected to certain harsh chemical environments. The major benefits in ammonia applications are the low temp fluidity in suction lines and low temp vessels to the oil pot. This ensures higher system performance by less oil in the evaporators and piping. You also get the benefit of easier oil removal from vessels at very low suction temps.

Benefits

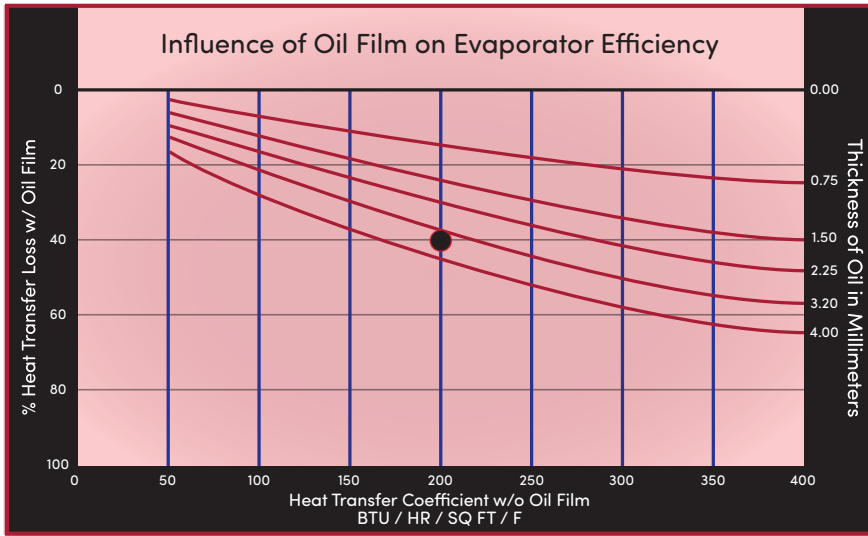
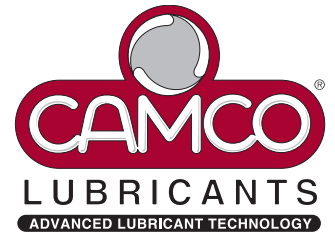
- Very low pour point -60°F.
- Low Volatility – Base fluids selected for very low volatility combined with a proprietary anti-misting additive. Shown to improve system efficiency through improved oil separation resulting in less fouling of evaporators.
- Low Ammonia Solubility – Carefully formulated to improve system efficiency and reduce wear and limit oil consumption.
- 50% less oil carry over than Naphthenic and conventional oils.
- Excellent thermal, oxidation, and corrosion protection – Provides cleaner operation, protects equipment and provides longer service life with improved system efficiency.
- Extremely high viscosity index, to provide very long drain intervals. Much longer than HVI and semisynthetic oils.
- Superior lubricant film strength reduces maintenance costs and extends equipment life.
- Extremely high lubricity over Naphthenic and HVI due to the amount of PAO content.
- Increased system performance due to low temp fluidity, this allows the oil to return easier at very low temps.

Other CAMCO® Ammonia Oils

- CAMCO® 717-HT
- CAMCO® 717-LT Low Temp
- CAMCO® 717-SC

CAMCO® 717 LTSC

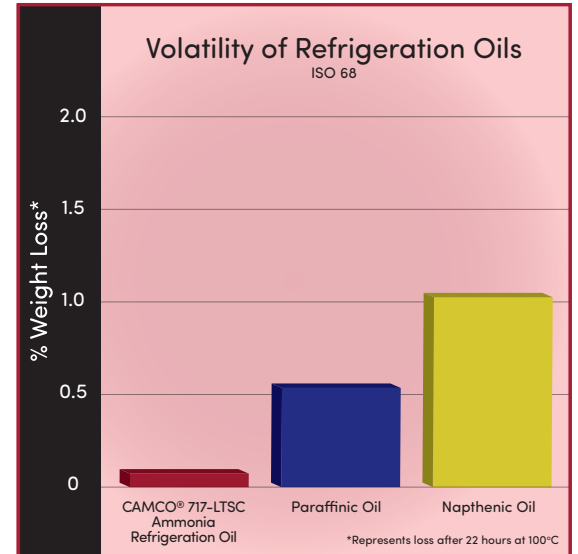
Seal Conditioner



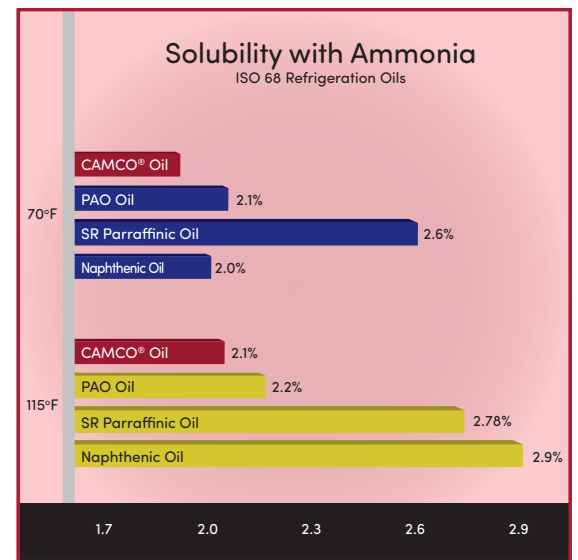
Less oil film in the evaporator tubes, the better your cooling efficiency is.
Less oil in the system, the better the system efficiency.

TYPICAL PROPERTIES *

Viscosity @ 40°C cs ASTM D445	62.5
Viscosity @ 100°C cs	9.73
Viscosity Index ASTM D2270	140
Density	0.85
Pour Point °F (°C) ASTM D97	-60 (-51)
Flash Point, C.O.C., °F (°C) ASTM D92	487 (253)
Total Acid Number	<0.06
RBOT	1000+
Appearance	Clear white
Foam, Sequence ASTM D-892 with R-717, ml	
I	0
II	10/0
III	0



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



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

Date: Revised 05/20