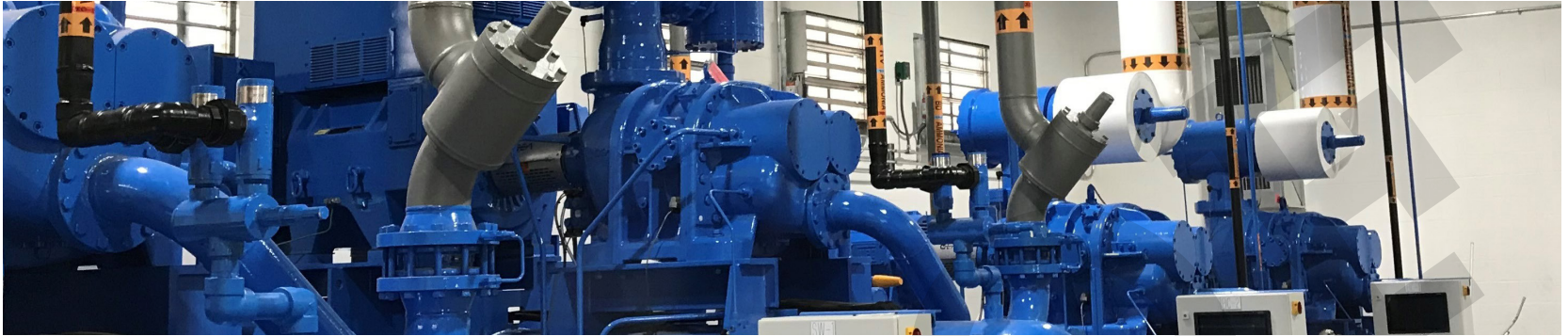
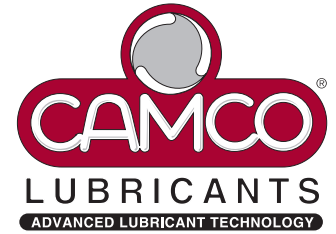


CAMCO® 717 Series

Ammonia Refrigeration Oil



The **CAMCO® 717 Series** is formulated to meet and exceed all the OEM specifications for ammonia compressors. The 717 starts with only the highest quality 2 stage hydrocracked base oil. This ISO paraffinic base oil is 99.9% pure and free of all impurities and has zero carbon forming tendencies. We then pair it with a superior additive package to protect and prolong the life of the oil and the compressor bearings. This helps you gain the lowest cost of ownership of your equipment.

The **CAMCO® 717 Series** is 100 % top off compatible with all OEM and many other mineral oils. This way it can be added right to the compressor oil with no oil change needed to make the cost saving change. The **CAMCO® 717 Series** will reduce oil carry over to the low side of the system over conventional Naphthenic and some OEM oils. This will help increase the system efficiency with far less oil in the system to foul evaporators and piping. The 717 will also increase compressor efficiency with it having twice the lubricity of Naphthenic oils reducing kilowatt usage. The **CAMCO® 717 Series** was one of the first to companies to offer this cutting-edge technology over 35 years ago.

The **717 Series** has you covered for all temperature ranges, from -40° to -60°F. The Standard 717-HT and 717-SC have pour points that ensure good oil return down to -40°, while the 717-LTSC will get you to -60°F. The **CAMCO® 717-SC** has the added value of our patented Seal Conditioner additive. This additive has been proven by many contractors and customers to prolong the life of a shaft seals in compressors. The **CAMCO® 717-LTSC** is our specially blended low temperature ammonia oil with the Seal Conditioner additive. This oil is specifically formulated for low temp ammonia systems at an economical cost. This product will ensure good oil return from the low side of the system down to -60°F.

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Why is the pour point so important to your system?

Let's look at it. The pour point is the absolute lowest temperature at which the oil will flow. So, the closer you get to that specific oil's pour point, the thicker it will get and the greater the resistance to flow is. The reason this is so important is it makes sure the oil that does get past the oil separator will get removed from the system. If your lowest suction temp is -40°F and your oil is only good to -40°F, you will not get much if any oil return from the low side at all. This will probably cause there to be frozen oil in the suction piping and possibly the low side vessel. We normally recommend at least a 10° buffer between the lowest suction temp and the pour point. This ensures the oil will not gel up or freeze in the piping and vessels.

How does the CAMCO® 717 Series reduce oil carry over?

The extreme complexity of the base oil molecules takes place in the refining process. The 2-stage hydrocracking process actually cracks the molecule then adds another carbon atom. This will actually make the oil droplet heavier than other mineral and hydro-finished oils. The heavier droplet increases the percentage of oil harvested per hour by the coalescers. This will reduce the amount of oil per day that could pass outside the compressor. The less oil in the system the better the system efficiency.

The Superior Additive Package.

The Base oil alone cannot do the job, it needs to be protected from the ammonia so the oil does what it is intended to do. The **CAMCO® 717 Series** has the most advanced additive package in the ammonia oil market. Derived from those offered by the OEM oils we have taken that one step further by enhancing that to make the oil last that much longer for you. We have an anti-corrosion additive to help protect the compressor from corrosion in case of high-water content or air in the ammonia. The Anti-foam additive ensures the compressor and oil pump only get pure oil for the best lubrication. This all works together to give you the longest drain intervals as possible for you the end user. **CAMCO®** customers are getting 7 years or more from the oil before it even shows signs of breakdown.

The **CAMCO® 717-HT, 717-SC** oils are all 100% compatible with all OEM oils, including FES #1, Frick #3,#9, Vilter 717, MyCold AB-68 and the HTSC-68. The **CAMCO® 717-LTSC** it top off compatible with the Frick #11 and the Vilter HTC-68.