

COOLMAX HTA XL 48

Product code: 262201101

Premium ammonia compressor lubricant

This product is formulated specifically for ammonia refrigeration. It combines low temperature fluidity with very low solubility in ammonia to provide superior lubrication for ammonia compressors. Thanks to the low volatility users will experience up to 80% less oil consumption in comparison to naphthenic products. Compared to naphthenic oils the lifetime of the oil can be extended with factor 5, depending on the condition of the equipment and system temperature.

Benefits & Advantages

- Excellent thermal and oxidation stability and long life in ammonia systems
- Very high viscosity index for better compressor protection at elevated temperatures
- Very high flash & auto-ignition points for added safety
- Better equipment efficiency thanks to low volatility and carry over into evaporators
- Excellent film strength and anti-wear properties
- Very long-life fluid allows for extended oil drains
- Excellent carbon and varnish control to help reduce deposits
- Excellent rust & corrosion control

Applications

These lubricants are used in all types of ammonia compressors. The product has enhanced pour point for lower temperatures.

Typical Performance Data



Typical	Test Method	Value
Colour		<0.5
Density @ 20 °C, kg/l		0.88
Viscosity Index	ASTM D445	135
Viscosity @ 40 °C, cSt	ASTM D445	47
Viscosity @ 100 °C, cSt	ASTM D445	7.8
Flash point, °C	ASTM D92	230
Pour point, °C	ASTM D97	-63
Copper strip corrosion, 24 hrs @ 100 °C	ASTM D4048	1a
Demulsibility, 55 °C, 30 min	ASTM D2711	40/40/0
NSF approval, H1		-

All performance data on this Technical Data Sheet are indicative only and can vary during production.