

# COO-PLUS PAC TOP 48

REFRIGERATION OILS

322201101

**DYADE**  
LUBRICANTS



## PREMIUM AMMONIA COMPRESSOR LUBRICANT

These specialized products are designed for use in ammonia refrigeration systems. They offer excellent lubrication for ammonia compressors due to their low temperature fluidity and very low solubility in ammonia. Users can benefit from reduced oil consumption of up to 80% compared to naphthenic oils thanks to their low volatility. In addition, the oil lifespan can be increased by up to a factor of 5, depending on the system temperature and equipment condition, when compared to naphthenic oils. These lubricants are suitable for use in all types of ammonia compressors and have improved pour point to withstand lower temperatures.

## CATEGORY

- Refrigeration Fluids

## BENEFITS

- 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

PROPERTY	METHOD	VALUE
Colour		<0.5
Density @ 20 °C, kg/dm <sup>3</sup>		0.88
Viscosity index	ASTM D445	135
Viscosity @ 40 °C, mm <sup>2</sup> /s	ASTM D445	47
Viscosity @ 100 °C, mm <sup>2</sup> /s	ASTM D445	7.8
Flash point, °C	ASTM D92	230
Pour point, °C	ASTM D97	-63
Copper corrosion 24h @ 100 °C	ASTM D4048	1a
Demulsibility, 55 °C, 30 min	ASTM D2711	40/40/0
NSF approval, HI		

All data on this technical data sheet is indicative only

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