COOLMAX POE 32

Product code: 262202101

Advanced HFC refrigeration compressor fluid

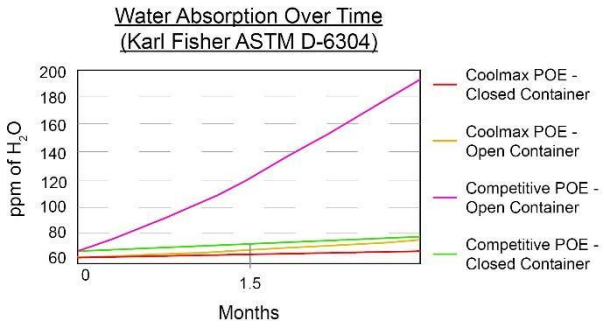
This product is a high-performance lubricant that combines specially blended polyol ester (POE) refrigeration lubricants with ashless additives to provide superior protection for HFC refrigeration systems. It offers exceptional solubility and superior lubricity in HFC and blended refrigerants.

This lubricant has an exceptional chemical and thermal stability and offer a very long service life.

Benefits & Advantages

- Unsurpassed solubility in HFC and blended refrigerants
- Excellent low temperature fluidity
- High viscosity index
- Excellent film strength and anti-wear properties
- Top-off compatibility with most other POE refrigeration compressor fluids
- Excellent resistance against water contamination
- Excellent rust and corrosion protection
- Very long fluid life
- Allows quick and easy refrigerant conversions
- Avoids copper plating
- Enhanced resistance against water contamination

Most competitive POE compressor fluids are highly susceptible to water contamination. The hygroscopic nature (high affinity for water) of most POE compressor fluids will lead to decreased bearing life and premature fluid change outs. It offers enhanced resistance to water contamination.



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ISO 9001:2015 ISO 14001:2020 ISO 21469:2006
V 6.5.24

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- ***Formulated to make conversions easier***

Converting a HCFC (i.e., R-22) system to HFC (i.e. R-507, R-134a) often requires that you flushes any mineral oil fluid from the system. Most competitive fluids will require that you have no more then 5% of the existing mineral oil remaining in the system. To reach this 5% level multiple flushes are often required, which can be very time consuming and costly.

This product makes systems conversions easier by being able to accommodate much high levels of residual mineral oil.

ASRAE#	Recommended # of Residual Mineral Oil	
	Competitive Formulations	Series Coolmax POE
R-134a	Max 5%	10-15%
R-507	Max 5%	10-15%

Gas type compatibility
The product is suitable for processing the following gases:

R23	R134a	R404a	R410a	R410b	R407c
R410b	R417a	R422a	R422d	R427a	R507/507a

Typical Performance Data

Typical	Test Method	Value
Appearance		Bright & clear
Base oil type		Polyol ester
Color APHA	MD 31	<200
Density @ 15 °C, kg/dm3	ISO 12185	0.950
Acid number mg KOH/g	ISO 6618	<0.1
Kin. viscosity 40 °C, cSt	ISO 3104	32
Viscosity index	ISO 2909	149
Water content, ppm	MO-10-001	<50
Pour point, °C	ISO 3016	<-50
Flash point, COC, °C	ISO 2592	>230

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

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