



XR 534-32

HFC Refrigeration Fluid

Product Description

XR 534-32 is a high performance HFC compressor lubricant based on synthetic polyol ester (POE). XR 534-32 provides excellent miscibility and oil return from the evaporator to the compressor.

Applications*

- Reciprocating compressors
- Scroll compressors
- Rotary compressors
- Centrifugal compressors
- All HFC applications (including R-134a, R-404A, R-407C, R-410A)

* To assure proper lubricant selection, please consult your Xerus Performance Fluids representative

Features and Benefits

Feature	Potential Benefit
Miscibility with HFC Refrigerants	Better evaporator efficiency Excellent return from the evaporator
Very good thermal stability	Minimal vapor phase oil carryover to downstream equipment Longer oil life Longer filter life Minimize maintenance costs
High viscosity index	Better oil return from evaporator Less wear at start up More protection at high operating temperatures

Health and Safety

Based on available information, XR 534-32 is a non-toxic, non-hazardous product that is not expected to cause any adverse health effects when used as designed. Users are advised to follow the recommendations provided in the MSDS.

Typical Properties

Criteria	Value	Method
Viscosity cSt @ 40° C	32.0	ASTM D-445
Viscosity cSt @ 100° C	5.6	ASTM D-445
Viscosity Index	115	ASTM D2270
Acid Value, mg KOH/gm	0.1 Max	ASTM D-974 modified
Moisture, ppm	50 Max	ASTM D-1533

Specific Gravity @ 60°F/15.6° C	0.984	ASTM D-4052
Density, lb/gal	8.20	ASTM D-4052
Flash Point, °F/°C	482/250	ASTM D-92
Pour Point, °F/°C	-67/-55	ASTM D-5950
Color	0.5 Max	ASTM D-1500
Low Temperature Miscibility Limit (10% Volume Lubricant in Refrigerant)		Sealed Tube
R-134a (°F/°C)	<-58/<-50	
R-404A	<-76/<-60	
R-407C	<-31/<-35	
R-410A	<-49/<-45	

Notice: The information and statements above are based on information we believe to be reliable; however, we expressly do not represent, warrant or guarantee the accuracy, completeness, or reliability of the same.