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NXT POE-HMC

High Miscible/Chiller POE Refrigeration Compressor Oil

NXT POE-HMC is a polyol ester (POE) lubricant that provides unsurpassed performance in HFC refrigeration applications. This lubricant is specifically blended for use with HFC and HFO Refrigerants including HFC Refrigerant Blends with added hydrocarbon(s) to enhance miscibility when retrofitting an R22 system. This advanced formulation provides superior protection for HFC refrigeration systems, exceptional chemical and thermal stability, and a very long service life.

NXT POE-HMC utilizes a proprietary combination of advanced friction modifiers and anti-wear additives that bond to metal surfaces inside the compressor. This combination creates an extra layer of protection and lubrication that dramatically reduces friction and wear, resulting in increased compressor efficiency, energy savings and extended compressor life.

ATTRIBUTES

- Specifically for use with HFC and HFO Refrigerants
- For use with blends with added hydrocarbon(s) for added miscibility with R22
- Protects against wear, rust and corrosion
- Maintains fluidity in cold temperatures
- Long fluid life
- Controls carbon and varnish to help reduce deposits

TYPICAL LUBRICANT PROPERTIES

NXT POE-HMC Grades	32	46	68
SUS Viscosity Grade	150	200	300
Viscosity Index	114	100	120
Viscosity cSt @ 40°C	32	46.5	66.5
Viscosity cSt @ 100°C	5.6	6.8	9.4
Pour Point °F (°C)	-20 (-29)	-31 (-35)	-4 (-20)
Flash Point °F (°C)	460 (237)	462 (238)	485 (251)
Copper Corrosion, 24 Hr.	1a	1a	1a