



Industrial Oils

hyrax® Extol Syn HFC



Description

Hyrax Extol Syn HFC is a polyol ester based synthetic refrigeration compressor oil specially designed for use with HFC refrigerants and refrigerant blends (R134A, R23, R404A, R407C, R507) for standard factory fill of air conditioning and industrial refrigeration equipment. Formulated to provide excellent chemical and thermal stability, good refrigerant miscibility and superior structure to improve wear resistance and extended service life.

Applications

Hyrax Extol Syn HFC is recommended for:

- Reciprocating type refrigeration compressor (ISO VG 68, ISO VG 120 & ISO VG 170)
- Centrifugal type refrigeration compressor (ISO VG 32)
- Screw type refrigeration compressor (ISO VG 120 & ISO VG 170)

Benefits

- Excellent chemical and thermal resistance
- Good refrigerant miscibility (R-134A, R-404A, R-407C, R-410A and R-507 refrigerants)
- Provide wear protection
- Extended lubricant service life

Typical Characteristics

Properties	Method	ISO VG 32	ISO VG 46	ISO VG 68	ISO VG 120	ISO VG 170
Density at 15°C, Kg/L	ASTM D4052	0.970	0.940	0.950	0.950	0.950
Flash Point, °C	ASTM D92	>240	>235	>260	>250	>265
Pour Point, °C	ASTM D97	-48	-45	-43	-33	-30
Viscosity at 40°C, cSt	ASTM D445	31.0	49.0	66.0	128.0	175.0
Viscosity at 100°C, cSt	ASTM D445	5.4	6.9	8.9	12.7	16.5



Excellent chemical and thermal resistance



Good refrigerant miscibility



Provide wear protection



Extended lubricant service life