



Industrial Oils

hyrax[®] Extol Syn FC



Excellent chemical and thermal resistance



Superior solubility characteristics with refrigerants



Eliminate degradation and sludge formation



Extended lubricant service life

Description

hyrax Extol Syn FC is an alkyl benzene based synthetic refrigeration compressor oil designed for used in applications such as R-502 and low temperature R-22 where improve miscibility is required. Recommended for all types of refrigeration compressors (reciprocating, centrifugal and rotary) using fluorocarbon and ammonia refrigerants especially for service where evaporator temperature may fall below -45°C as well as higher performance and reliability is desirable.

Applications

hyrax Extol Syn FC is recommended for all type of refrigeration compressors including reciprocating, centrifugal and rotary using fluorocarbon refrigerants such as R12, R22, R114, R502 as well as ammonia. It is also compatible with conventional mineral oils and materials of construction including Mylar, Polypropylene, Viton, Buna-N, Neoprene and Nylon elastomer.

Benefits

- Excellent chemical and thermal stability
- Superior solubility characteristics with refrigerants
- Exceptional low temperature properties
- Eliminate deposit formation in low temperature system
- Eliminate degradation and sludge formation associated with conventional mineral oil
- Extended lubricant service life

Typical Characteristics

Properties	Method	ISO VG 32	ISO VG 68	ISO VG 100
Density at 15°C, Kg/L	ASTM D4052	0.860	0.860	0.860
Flash Point, °C	ASTM D92	>182	>179	>220
Pour Point, °C	ASTM D97	-45	-35	-30
Floc Point, °C	FTM 1303	-65.0	-55.0	-55.0
Viscosity at 40°C, cSt	ASTM D445	31.0	56.0	95.0
Viscosity at 100°C, cSt	ASTM D445	4.5	5.9	7.98