



DURALIFE® SYNTHETIC AMMONIA REFRIGERATION COMPRESSOR OIL SynARC 68

DURALIFE® SYNTHETIC AMMONIA REFRIGERATION COMPRESSOR OIL SynARC 68 is a fully synthetic lubricant formulated with polyalphaolefin (PAO) base stock with additives selected to resist degradation when exposed to nitrogen compounds and acids formed when compressed ammonia comes into contact with the oil and condensed water. It is used in reciprocating, rotary screw and rotary vane compressors in ammonia or carbon dioxide refrigeration systems.

APPLICATIONS:

DURALIFE® SYNTHETIC AMMONIA REFRIGERATION COMPRESSOR OIL SynARC 68 is used the lubrication of various refrigeration compressors associated with domestic, commercial and industrial refrigeration systems using ammonia, methyl chloride or carbon dioxide.

It is not recommended for use with CFC, HCFC or HFC refrigerants such as R12, R22, R502 or R 134a.

BENEFITS:

- Very low pour point, high viscosity index , low foaming tendency and good anti-wear to maximize equipment life .
- Excellent chemical, thermal and oxidation stability for long service life .
- Protects equipment reliability and efficiency by resisting the formation of gum, varnish and sludge deposits.
- Low moisture content prevents icing in refrigeration expansion valves and helps prevent system corrosion.
- Minimizes oil thickening in the compressor and reduces oil coating of internal evaporator surfaces thus maintaining overall system efficiency.
- Low volatility prevents viscosity build-up, reduced oil consumption.

TYPICAL CHARACTERISTICS:

Test	Method	SynARC 68
API Gravity	ASTM D287	36.95
Specific Gravity @ 15.6°C (60°F)	ASTM D1298	0.840
Viscosity @ 40°C, cSt	ASTM D445	68
Viscosity Index	ASTM D 2270	140
Flash Point, °C (°F)	ASTM D92	240 (464)
Pour Point, °C (°F)	ASTM D97	-54 (-65)
Rust Test	ASTM D 665 A&B	pass
Copper Strip Corrosion, 3h@100°C	ASTM D 130	1a

The above characteristics are average values based on recent production .Minor variations which do not affect product performance are to be expected in normal manufacture

WARNING:

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children. Don't pollute. Conserve resources. Return used oil and bottle to collection centers

Reference SDS Number 12061 database on our website at www.amtecol.com OR scan the code for a direct link

