

DURALIFE® AMMONIA REFRIGERATION COMPRESSOR OILS

DURALIFE® AMMONIA REFRIGERATION COMPRESSOR OILS are blended from special refined paraffinic 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. They are used in reciprocating, rotary screw and rotary vane compressors in ammonia refrigeration systems.

APPLICATIONS:

DURALIFE® AMMONIA REFRIGERATION COMPRESSOR OILS are used the lubrication of various refrigeration compressors associated with domestic, commercial and industrial refrigeration systems using ammonia or carbon dioxide.

They are not recommended for use with CFC, HCFC or HFC refrigerants such as R12, R22 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.
- Protect equipment reliability and efficiency by resisting the formation of gum, varnish and sludge deposits.
- Low moisture content prevent icing in refrigeration expansion valves and helps prevent system corrosion.
- Minimize oil thickening in the compressor and reduce oil coating of internal evaporator surfaces thus maintaining overall system efficiency.

TYPICAL CHARACTERISTICS:

Test	Method	ARC 32	ARC 46	ARC 68
API Gravity	ASTM D287	32.08	31.71	30.58
Specific Gravity @ 15.6°C (60°F)	ASTM D1298	0.865	0.867	0.873
Viscosity @ 40°C, cSt	ASTM D445	32	46	68
Viscosity Index	ASTM D 2270	110	102	102
Flash Point, °C (°F)	ASTM D92	220 (428)	225 (437)	235 (455)
Pour Point, °C (°F)	ASTM D97	-35 (-31)	-33 (-27)	-30 (-22)
Oxidation Stability , RPVOT, minutes	ASTM D 2271	135	135	135
Copper Strip Corrosion, 3h@100°C	ASTM D 130	1a	1a	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 12033 database on our website at www.amtecol.com OR scan the code for a direct link

