



DURALIFE® REFRIGERATION & AIR CONDITIONING COMPRESSOR OILS

DURALIFE® REFRIGERATION & AIR CONDITIONING COMPRESSOR OILS are blended from special naphthenic base stock that has been de-waxed for extremely low pour point and Freon floc point. They are used in reciprocating and rotary refrigeration and air conditioning compressors.

APPLICATIONS :

DURALIFE® REFRIGERATION & AIR CONDITIONING COMPRESSOR OILS are used the lubrication of various refrigeration compressors associated with domestic refrigerators, freezers, ice making plant, air conditioning equipment, air conditioners and heat pumps in household refrigeration, air conditioning systems in office building, hotel, shopping center and other applications of refrigeration and air conditioning such as industrial refrigeration, refrigeration systems for food storage, mobile and stationary air conditioning, including automotive air conditioners, cold room plant, etc.

They are also suitable for use with a wide range of refrigerants, including ammonia, carbon dioxide, sulfur dioxide, methylene chloride and chlorofluorocarbons.

Suitable for use with most non-hydrofluorocarbon refrigerant gases like R11, R12, R13B1, R22, R113, R500, R502, R717(Ammonia- NH₃), CO₂, etc compressors of Carrier, Copeland, Kelvinator, Sabroe, Tecumseh.

BENEFITS :

- Very low pour and floc points with good high temperature performance.
- 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
- High dielectric strength.
- Resist foaming.

TYPICAL CHARACTERISTICS:

Test	Method	RC 32	RC 46	RC 68	RC 100
API Gravity	ASTM D287	25.72	22.30	20.65	15.89
Specific Gravity @ 15.6°C (60°F)	ASTM D1298	0.90	0.92	0.93	0.96
Viscosity @ 40°C, cSt	ASTM D445	30	44	67	95
Viscosity Index	ASTM D 2270	9	17	25	35
Flash Point, °C (°F)	ASTM D92	175 (347)	180 (356)	190 (374)	205 (401)
Pour Point, °C (°F)	ASTM D97	-39 (-38)	-33 (-27)	-30 (-22)	-25 (-13)
Flocculation Point, R12, °C	DIN 51351	-33	-33	-30	-30
Fluidity in U-tube, °C	DIN 51568	-25	-22	-20	-17
Copper Strip Corrosion, 1h@100°C	ASTM D 130	1a	1a	1a	1a
Rust Test	ASTM D 665 A/B	pass	pass	pass	pass

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

