



DURALIFE® ALKYL BENZENE (AB) SYNTHETIC REFRIGERATION & AIR CONDITIONING COMPRESSOR LUBRICANTS

DURALIFE® ALKYL BENZENE (AB) SYNTHETIC REFRIGERATION & AIR CONDITIONING COMPRESSOR LUBRICANTS are blended from alkylbenzene with unique additive package to provide optimum lubricity, wear protection, chemical and thermal stability, hydrolytic stability and excellent antifoaming properties under the most severe conditions. They are specifically designed for the refrigeration systems using environmentally friendly Hydrofluorocarbon (HFC) refrigerants.

APPLICATIONS:

DURALIFE® ALKYL BENZENE (AB) SYNTHETIC REFRIGERATION & AIR CONDITIONING COMPRESSOR LUBRICANTS are recommended for refrigeration systems where HFC refrigerants are used such as refrigerators, freezers, 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.

BENEFITS :

- ABRC 32/40/46/68/75/100 is miscible with R22 and HFC refrigerants. ABRC 75 also is used for ammonia (NH₃)
- Excellent chemical, thermal and oxidation stability in the presence of the new environmentally safe HFC refrigerants 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
- Excellent antifoaming properties.

TYPICAL CHARACTERISTICS:

| Test | Method | ABRC 20 | ABRC 32 | ABRC 40 | ABRC 46 | ABRC 68 | ABRC 75 | ABRC 100 |
|----------------------------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| API Gravity | ASTM D287 | 31.14 | 31.14 | 31.14 | 31.14 | 31.14 | 31.14 | 31.14 |
| Specific Gravity @ 15.6°C (60°F) | ASTM D1298 | 0.860 | 0.870 | 0.870 | 0.870 | 0.870 | 0.870 | 0.870 |
| Viscosity @ 40°C, cSt | ASTM D445 | 20 | 30 | 39 | 46 | 68 | 74 | 100 |
| Flash Point, °C (°F) | ASTM D92 | 184 (473) | 184 (473) | 180 (356) | 184 (473) | 188 (370) | 185 (365) | 204 (399) |
| Pour Point, °C (°F) | ASTM D97 | -38 (-36) | -36 (-33) | -45 (-49) | -33 (-27) | -30 (-22) | -45 (-49) | -27 (-17) |
| Floc Point, °C (°F) | DIN 51351 | -65 (-85) | -66 (-87) | -69 (-92) | -55 (-67) | -55 (-67) | -55 (-67) | -50 (-58) |

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 12121 database on our website at www.amtecol.com OR scan the code for a direct link

