



DURALIFE® ESTER SYNTHETIC AIR COMPRESSOR OILS

DURALIFE® ESTER SYNTHETIC AIR COMPRESSOR OILS are blended from fully synthetic ester base stocks with special grade antirust, antifoam, antioxidant and anti-wear additives.

APPLICATIONS:

DURALIFE® ESTER SYNTHETIC AIR COMPRESSOR OILS are recommended for use in rotary, vane, screw air compressors, axial and centrifugal compressors, reciprocating compressors, compressor systems with critical gears and bearings and compressors used in stationary and mobile applications where high temperatures and severe service conditions are encountered and where extended oil change periods are desired. They are also used in multistage units with a history of excessive oil degradation from mineral oil-base products, compressor systems with critical gears and bearings.

BENEFITS:

- Service life up to 12,000 hours and compressor running at pressures over 25 bar.
- Superior oxidation resistance and high temperature stability. They significantly reduce the potential for fires and explosions when compared to mineral oil-based products
- Excellent wear and corrosion protection and good air release.
- Extend oil life thus reducing maintenance, downtime and costs.
- Lower vapor pressure, reduced oil carryover to filters and separators, and decreased feed rates.
- Excellent water separability.
- Good low temperature fluidity.

TYPICAL CHARACTERISTICS:

Test	Method	ESC 32	ESC 46	ESC 68	ESC 100	ESC 150
API Gravity	ASTM D287	17.45	15.90	14.38	12.90	11.72
Specific Gravity @ 15.6°C (60°F)	ASTM D1298	0.950	0.960	0.970	0.980	0.988
Viscosity @ 40°C, cSt	ASTM D445	32	46	68	100	150
Viscosity Index	ASTM D 2270	157	157	157	157	156
Flash Point, °C (°F)	ASTM D92	244 (471)	252 (486)	259 (498)	266 (511)	273 (523)
Pour Point, °C (°F)	ASTM D97	-48 (-54)	-44 (-47)	-40 (-40)	-37 (-35)	-34 (-29)
Rust prevention properties (steel) 24hrs	ASTM D 665A	pass	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 12058 database on our website at www.amtecol.com OR scan the code for a direct link.

