



SYNTHETIC ESTER BASED Compressor Oil – ISO 32/46

Description

Synthetic Ester Based Compressor Oil is formulated with esters and ashless additives. It is designed for use in rotary air compressors and vacuum pumps where the viscosity, technical properties and product design are appropriate.

Synthetic Ester Based Compressor Oil is a long life product. Oil life is dependent upon operating conditions and maintenance practices. A regular oil analysis program is recommended.

Synthetic Ester Based Compressor Oil is not recommended for Breathing Air or Refrigeration Compressors.

Material Compatibility		
	Recommended	Not Recommended
Seals	Viton, High Nitrile Buna N (>.36%) Teflon	Neopreme, SBR Rubber, Low Nitril Buna N
Paints	Epoxy paint, Oil-Resistant Alkyd, Two-Part Urethane	Acrylic Paint, Lacquer
Plastics	Nylon, Delrin, Celcon, PBT	Polystyrene, PVC, ABS
Oils	Petroleum, PAO, PAG, Diester, Polyol Ester	Silicone

Features/Benefits

- ✓ **Superior Anti-foam Properties**
Provides improved film strength and heat control
- ✓ **Manages Water Contamination**
Readily separates from water for easy removal and disposal, protects against rust and corrosion
- ✓ **Inhibits Oxidation**
Minimizes carbon and varnish
- ✓ **Long Life**
Reduces maintenance costs
- ✓ **Compatible with Sullube® 32 and Ingersoll-Rand SSR Ultra Coolant® PAG compressor oils, and PAO, ester and Petroleum Compressor Oils**
Reduces inventory requirements, confusion and the likelihood of misapplication

Physical, Chemical & Performance Properties

Product Number	680
ISO Viscosity	32/46
Viscosity @ 100°C, cSt	6.3
Viscosity @ 40°C cSt	40.2
Viscosity Index	104
Density (lb/gal)	7.757
Flash Point, °C (°F)	254 (489)
Pour Point , °C (°F)	-43 (-45)
Four Ball Wear Test 75°C, 1200 rpm, 40 kg, 1 hr	0.45
Copper Corrosion, 100°C, 3 hr	1A
Specific Gravity (g/ml)	0.9315