

# UNITED SYNTHETIC ESTER COMPRESSOR OIL ISO 100 & 150



United Synthetic Ester Compressor Oils are formulated with synthetic ester base oils and ashless additives to provide long oil life. They are designed for use in rotary and reciprocating air compressors and vacuum pumps where the viscosity, technical properties and product design are appropriate.

United Synthetic Ester Compressor Oils have excellent high temperature thermal stability and are resistant to varnish and hard-carbon deposits. These oils are not recommended for breathing air or refrigeration compressors. Oil life is dependent on operating conditions and maintenance practices – a regular oil analysis program is recommended.

## Features/Benefits:

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- Excellent resistance to varnish and carbon helps extend valve life and reduce maintenance
- Formulated with ashless additives to help reduce deposits
- Strong ability to separate from water to protect against rust and corrosion
- Excellent anti-foam properties provide improved film strength and heat control
- Long oil life reduces maintenance costs

# TYPICAL SPECIFICATIONS

<b>ISO VG</b>	<b>100</b>	<b>150</b>
Viscosity @ 100°C (cSt) ASTM D445	11.3	13.9
Viscosity @ 40°C (cSt) ASTM D445	98.5	150.3
Viscosity Index, D2270	101	87
Density (lb/gal), D1298	7.747	7.851
Pour Point (°C), D97	-40	-31
Pour Point (°F), D97	-40	-24
Flash Point (°C) (COC), ASTM D92	248	254
Flash Point (°F) (COC), ASTM D92	478	489
Copper Corrosion, 100°C, 3 hr, ASTM D130	1A	1A
Four Ball Wear Test, mm scar, 75°C, 1200 rpm, 40 kg, 1 hr, ASTM D4172	0.46	0.46

## Product Availability:

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- 5 Gallon Pail
- 55 Gallon Drum
- 275 Gallon Tote