

UNITED SYNTHETIC R&O COMPRESSOR OIL



United Synthetic R&O Compressor Oils are full synthetic, nondetergent oils formulated to deliver excellent anti-wear performance in single- and multi-stage rotary screw, vane, and reciprocating compressors and certain vacuum pumps. These oils are formulated to provide up to an 8,000-hour drain interval in rotary screw compressors (at a 200°F discharge temperature). These oils are not recommended for breathing air or refrigeration compressors.

Features:

- Protects at high temperatures while providing excellent cold-temperature startup efficiency and lubrication.
- Resists foam for reliable protection.
- Readily separates from water.
- Designed to reduce leaks and extend seal life.
- Ashless anti-wear additives and mild extreme-pressure (EP) performance deliver excellent protection.
- Noncorrosive to copper (yellow metals).

TYPICAL SPECIFICATION DATA

UNITED SYNTHETIC R&O COMPRESSOR OIL				
ISO GRADE	32	46	68	100
Viscosity @ 100°C (cSt)	6.2	7.3	10.5	13.5
Viscosity @ 40°C (cSt)	33.6	42.9	68.7	100.0
Viscosity Index	136	135	139	135
Density (lb/gal)	6.99	7.00	7.05	7.12
Pour Point (°C)	-53	-48	-40	-40
Pour Point (°F)	-63	-54	-40	-40
Flash Point (°C)	264	252	252	262
Flash Point (°F)	507	486	486	504
Copper Corrosion	1A	1A	1A	1A
Total Acid Number (TAN)	0.27	0.27	0.27	0.27
FZG Failure Stage	11	11	11	11
4-Ball Wear Scar (mm)	0.45	0.45	0.45	0.45

Meets or Exceeds:

- AGMA 9005-E02

Product Availability: United Synthetic R&O Compressor Oil ISO 32

- 5 Gal*
- 55 Gal*
- 275 Gal*

Product Availability: United Synthetic R&O Compressor Oil ISO 46

- 5 Gal
- 55 Gal*
- 275 Gal*
- Item # 316987

Product Availability: United Synthetic R&O Compressor Oil ISO 68

- 5 Gal
- 55 Gal
- 275 Gal*
- Item # 330222
- Item # 466533

Product Availability: United Synthetic R&O Compressor Oil ISO 100

- 5 Gal
- 55 Gal*
- 275 Gal*
- Item # 315400

**Contact your local United Account Manager for product availability.*