



Synthetic Rotary & Reciprocating Compressor Oil

ISO 32, ISO 46, ISO 68, ISO 100 & ISO 150

PRODUCT DESCRIPTION

Full synthetic, non-detergent compressor oil designed to protect rotary screw and reciprocating air compressors against wear and carbon/varnish buildup.

PRODUCT BENEFITS

- Highly refined hydrocracked synthetic base oil
- Economical high performance for both rotary screw and reciprocating compressors
- Up to 8,000-hour service in rotary screw compressors
- Low valve deposits in reciprocating compressors

APPLICATIONS

- SevAir ISO VG 32 Synthetic Compressor Oil and ISO VG 46 Synthetic Compressor Oil are designed for use in rotary screw air compressors. Typical service life is 6,000-8,000 hours in normal operating conditions.
- SevAir ISO VG 100 Synthetic Compressor Oil and ISO VG 150 Synthetic Compressor Oil are designed for reciprocating air compressors. Oil life is dependent on operating conditions and maintenance practices – a regular oil analysis program is recommended. **Not recommended** for breathing air or refrigeration compressors. **Not compatible** with synthetic silicone or polyglycol (PAG) fluids. Polycarbonate plastic should be metal covered if exposed to Synthetic Compressor Oil.

ISO 9001:2015
Registered Facility

ISO 14001:2015
Registered Facility



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TECHNICAL DATA

TEST	ASTM		RESULTS (TYPICAL)			
	PROCEDURE					
Stock Code	-	CSO32	CSO46	CSO68	CSO100	CSO150
ISO VG	D2422	32	46	68	100	150
Viscosity 100°C, cSt	D445	6.0	7.6	9.7	11.9	17.7
Viscosity 40°C, cSt	D445	32.3	45.7	68.1	101.3	148.6
Viscosity Index	D2270	131	132	123	107	131
Flash Point, °C (°F) (COC)	D92	234 (453)	250 (482)	250 (482)	274 (525)	256 (493)
Fire Point, °C (°F) (COC)	D92	248 (478)	270 (518)	266 (511)	290 (554)	280 (536)
Pour Point °C (°F)	D97	-39 (-38)	-37 (-35)	-37 (-35)	-37 (-35)	-35 (-31)
Four Ball Wear Test, mm scar 75°C, 1200 rpm, 40 kg, 1 hr	D4172	0.46	0.45	0.48	0.40	0.42
Foam Tendency	D892					
SEQ I	-	0/0	0/0	0/0	0/0	0/0
SEQ II	-	0/0	0/0	0/0	0/0	0/0
SEQ III	-	0/0	0/0	0/0	0/0	0/0
Demulsibility	D1401	40-40-0 (10)	40-40-0 (15)	40-40-0 (10)	40-40-0 (10)	40-40-0 (15)
Copper Corrosion 100°C, 3hr	D130	1A	1A	1A	1A	1A

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HEALTH AND SAFETY INFORMATION

For recommendations on safe handling and use of these products, please refer to the Safety Data Sheet (SDS), which is available upon request through the AMSOIL sales office at (715) 399-6325.

