



Rotary PAO Compressor Oil

ISO 32, ISO 46, ISO 68 & ISO 100

PRODUCT DESCRIPTION

Premium PAO-based, full-synthetic compressor oil that provides extended service intervals in rotary screw compressors.

PRODUCT BENEFITS

- Full PAO base oil formulation
- Up to 16,000-hour service in rotary screw compressors
- Fights varnish in high-heat environments
- Excellent cold-temperature properties

APPLICATIONS

Rotary PAO Compressor Oil is designed for rotary 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 (Sullair* 24kt) or polyglycol (PAG) fluids, such as Ingersoll-Rand* SSR Ultra Coolant* and Sullube* 32. Polycarbonate plastic bowls should be metal-covered.

ISO 9001:2015
Registered Facility

ISO 14001:2015
Registered Facility



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TECHNICAL DATA

TEST	ASTM PROCEDURE	RESULTS (TYPICAL)			
Stock Code	-	CAO32	CAO46	CAO68	CAO100
ISO VG	D2422	32	46	68	100
Viscosity 100°C, cSt	D445	6.2	7.5	11.0	15.0
Viscosity 40°C, cSt	D445	32.8	43.8	67.4	98.6
Viscosity Index	D2270	138	137	154	160
Specific Gravity (g/ml)	D1298	0.8358	0.8388	0.8428	0.8443
Density, (lb/gal)	D1298	6.959	6.985	7.017	7.030
Color	D1500	L0.5	L0.5	L0.5	L0.5
Flash Point, °C (°F) (COC)	D92	256 (492)	268 (514)	264 (507)	270 (518)
Fire Point, °C (°F) (COC)	D92	278 (532)	286 (547)	296 (565)	296 (565)
Pour Point °C (°F)	D97	-54 (-65)	-55 (-67)	-51 (-60)	-50 (-58)
Four Ball Wear Test, mm scar 75°C, 1200 rpm, 40 kg, 1 hr	D4172	0.50	0.49	0.48	0.48
Foam Tendency	D892				
SEQ I	-	0/0	0/0	10/0	10/0
SEQ II	-	0/0	0/0	10/0	10/0
SEQ III	-	0/0	0/0	10/0	10/0
Copper Corrosion, 100°C, 3 hr	D130	1A	1A	1A	1A
Demulsibility	D1401	40-40-0 (20)	40-40-0 (20)	40-40-0 (20)	40-40-0 (15)

The information contained herein is accurate to the best of our knowledge at the time of printing. **It is supplied upon the express condition that the customer or user is responsible for determining the product's suitability for a particular purpose.** Products purchased from AMSOIL INC. are subject to the terms and conditions set out in the sales contract, quotation, warranty and order acknowledgement.

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.

