



## Synthetic Rotary Compressor Oil

ISO 32, ISO 46, ISO 68 & ISO 100

ISO 9001:2015  
Registered Facility

ISO 14001:2015  
Registered Facility

### PRODUCT DESCRIPTION

Full synthetic oil engineered to provide excellent wear protection and long oil life in rotary compressors.

### PRODUCT BENEFITS

- PAO-fortified synthetic base oil
- Up to 8,000-hour service in rotary screw compressors
- Wide operating temperature range
- Excellent choice for centrifugal compressors

### APPLICATIONS

Synthetic Rotary Compressor Oil is designed for single- and multi-stage rotary screw and vane compressors, certain vacuum pumps and other compressor applications.

- **Service life recommendation** is dependent on operating conditions and maintenance practices. Oil life is dependent on operating conditions and maintenance practices – a regular oil analysis program is recommended. Oil life up to 8,000 hours in rotary screw compressors is expected under normal conditions.
- **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.
- **Not recommended** for “breathing air” or refrigeration compressors.



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## TECHNICAL DATA

TEST	ASTM PROCEDURE	RESULTS (TYPICAL)			
Stock Code	-	CRV32	CRV46	CRV68	CRV100
ISO VG	D2422	32	46	68	100
Viscosity 100°C, cSt	D445	6.2	7.3	10.5	13.5
Viscosity 40°C, cSt	D445	33.6	42.9	68.7	100
Viscosity Index	D2270	136	135	139	135
Specific Gravity (g/ml)	D1298	0.8393	0.8408	0.8468	0.8550
Density, (lb/gal)	D1298	6.989	7.001	7.051	7.119
Color	D1500	L0.5	L0.5	L0.5	L0.5
Flash Point, °C (°F) (COC)	D92	264 (507)	252 (486)	252 (486)	262 (504)
Fire Point, °C (°F) (COC)	D92	276 (529)	274 (525)	276 (529)	274 (525)
Pour Point °C (°F)	D97	-53 (-63)	-48 (-54)	-40 (-40)	-40 (-40)
Four Ball Wear Test, mm scar 75°C, 1200 rpm, 40 kg, 1 hr	D4172	0.45	0.45	0.45	0.45
Total Acid Number (TAN)	D665	0.27	0.27	0.27	0.27
Foam Tendency	D892				
SEQ I	-	0/0	0/0	0/0	0/0
SEQ II	-	0/0	0/0	0/0	0/0
SEQ III	-	0/0	0/0	0/0	0/0
Copper Corrosion, 121°C, 3 hr	D130	1A	1A	1A	1A
Demulsibility	D1401	40-40-0 (5)	40-40-0 (5)	40-40-0 (5)	40-40-0 (5)
FZG Failure Stage	A/16.6/90	11	11	11	11

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.

