

# SEVAir™

*Severe-Service  
Compressor  
Lubricants*

SevAir lubricants are designed to provide excellent protection and performance for air compressors and single-stage vacuum pumps without the prohibitive costs of original equipment manufacturer (OEM) lubricants. As a brand of AMSOIL INC., SevAir offers quality and performance you can trust. The full SevAir product line ensures your unique needs are covered.

## APPLICATIONS

ROTARY SCREW / ROTARY VANE  
VACUUM PUMP / RECIPROCATING



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# TYPICAL APPLICATIONS

## ROTARY SCREW COMPRESSORS

Series	Viscosity	Type	Description
CPG	ISO 46	Top-tier polyglycol formulation	<ul style="list-style-type: none"> <li>Up to 10,000-hour service in rotary screw compressors</li> <li>Replaces ISO 32 or 46 polyglycol oils</li> <li>Does not form varnish</li> <li>Low residual oil carryover</li> <li>Not compatible with mineral, PAO or silicone oils</li> </ul>
CAO	ISO 32, 46 & 68	Synthetic PAO formulation	<ul style="list-style-type: none"> <li>Up to 16,000-hour service in rotary screw compressors</li> <li>Fights varnish in high-heat environments</li> <li>Excellent cold-temperature properties for mobile compressors and others operating in unheated environments</li> </ul>
CRV	ISO 32, 46 & 68	PAO-fortified synthetic formulation	<ul style="list-style-type: none"> <li>Up to 8,000-hour service in rotary screw compressors</li> <li>Wide operating temperature range</li> </ul>
CSO	ISO 32 & 46	Synthetic hydrocracked formulation	<ul style="list-style-type: none"> <li>Cost-optimized high-performance</li> <li>Up to 8,000-hour service in rotary screw compressors</li> <li>Suitable for non-severe compressor operating conditions</li> </ul>
CC2110*	–	Non-solvent-based cleaning agent	<ul style="list-style-type: none"> <li>Helps clean sludge and varnish</li> <li>Compatible with mineral compressor oils and most synthetic compressor oils</li> <li>Not compatible with polyglycol or silicone oils</li> </ul>

## RECIPROCATING COMPRESSORS

Series	Viscosity	Type	Description
CEC	ISO 100 & 150	Synthetic ester formulation	<ul style="list-style-type: none"> <li>Best resistance to high-temperature deposits for improved valve performance</li> <li>Ideal for severe-service and multi-stage reciprocating compressors</li> <li>Built-in cleaning properties</li> <li>Anti-wear fortified</li> </ul>
CRV	ISO 100	PAO-fortified synthetic formulation	<ul style="list-style-type: none"> <li>Wide operating temperature range</li> <li>Low valve deposits</li> <li>Anti-wear fortified</li> </ul>
CSO	ISO 68, 100 & 150	Synthetic hydrocracked formulation	<ul style="list-style-type: none"> <li>Cost-optimized high performance</li> <li>Low valve deposits</li> <li>Anti-wear fortified</li> </ul>

## SINGLE-STAGE VACUUM PUMPS

Series	Viscosity	Type	Description
CAO	ISO 100	Synthetic PAO formulation	<ul style="list-style-type: none"> <li>Resists varnish at high operating temperatures</li> </ul>
CSO	ISO 100 & 150	Synthetic hydrocracked formulation	<ul style="list-style-type: none"> <li>Cost-optimized high-performance</li> </ul>

## ROTARY VANE COMPRESSORS

Series	Viscosity	Type	Description
CAO	ISO 68	Synthetic PAO formulation	<ul style="list-style-type: none"> <li>Best overall protection and performance</li> <li>Helps reduce heat</li> <li>Conditions seals</li> <li>Helps prevent sticky deposits</li> </ul>
CRV	ISO 68 & 100	PAO-fortified synthetic formulation	<ul style="list-style-type: none"> <li>Superior wear protection</li> <li>Wide operating temperature range</li> <li>Helps reduce heat</li> <li>Conditions seals</li> </ul>
CSO	ISO 100	Synthetic hydrocracked formulation	<ul style="list-style-type: none"> <li>Cost-optimized high-performance</li> <li>Protects against wear</li> <li>Conditions seals</li> <li>Outlasts mineral oils under the same conditions</li> </ul>

## BLOWERS

Series	Viscosity	Type	Description
CBL	ISO 150 & 220	Synthetic PAO formulation	<ul style="list-style-type: none"> <li>Excellent oxidation and thermal stability for longer oil life</li> <li>Protects against corrosion</li> <li>Wide operating temperature range to cover most operating conditions</li> </ul>

\*Review product data bulletin for instructions for use.

# PRODUCT SPECIFICATIONS

## CAO Series

### ROTARY PAO COMPRESSOR OIL – 16,000-HOUR

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

Stock Code	ISO Grade	Viscosity @ 40°C/100°C, cSt	Viscosity Index	Flash Point, °C (°F)	Pour Point, °C (°F)	Demulsibility
CAO32	32	32.8/6.2	138	256 (493)	-54 (-65)	40-40-0 (20)
CAO46	46	43.8/7.5	137	268 (514)	-55 (-67)	40-40-0 (20)
CAO68	68	67.4/11.0	154	264 (507)	-51 (-60)	40-40-0 (20)
CAO100	100	98.6/15.0	160	270 (518)	-50 (-58)	40-40-0 (15)

## CPG Series

### ROTARY PAG COMPRESSOR COOLANT – 10,000-HOUR

- Top-tier polyglycol formulation • Up to 10,000-hour service in rotary screw compressors
- Does not form varnish • Low residual oil carryover

Stock Code	ISO Grade	Viscosity @ 40°C/100°C, cSt	Viscosity Index	Flash Point, °C (°F)	Pour Point, °C (°F)	Demulsibility
CPG46	46	46.2/8.5	164	276 (529)	-53 (-63)	–

Dyed-green formulation available (CPG46G)

## CRV Series

### SYNTHETIC ROTARY COMPRESSOR OIL – 8,000-HOUR

- PAO-fortified synthetic formulation • Up to 8,000-hour service in rotary screw compressors
- Wide operating temperature range

Stock Code	ISO Grade	Viscosity @ 40°C/100°C, cSt	Viscosity Index	Flash Point, °C (°F)	Pour Point, °C (°F)	Demulsibility
CRV32	32	33.6/6.2	136	264 (507)	-53 (-63)	40-40-0 (5)
CRV46	46	42.9/7.3	135	252 (486)	-48 (-54)	40-40-0 (5)
CRV68	68	68.7/10.5	139	252 (486)	-40 (-40)	40-40-0 (5)
CRV100	100	100/13.5	135	262 (504)	-40 (-40)	40-40-0 (5)

## CSO Series

### SYNTHETIC COMPRESSOR OIL

- Synthetic hydrocracked formulation • Cost-optimized 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

Stock Code	ISO Grade	Viscosity @ 40°C/100°C, cSt	Viscosity Index	Flash Point, °C (°F)	Pour Point, °C (°F)	Demulsibility
CSO32	32	32.3/6.0	131	234 (453)	-39 (-38)	40-40-0 (10)
CSO46	46	45.7/7.6	132	250 (482)	-37 (-35)	40-40-0 (15)
CSO68	68	68.1/9.7	123	250 (482)	-37 (-35)	40-40-0 (10)
CSO100	100	101.1/13.4	131	256 (493)	-38 (-36)	40-40-0 (15)
CSO150	150	148.6/17.7	131	256 (493)	-35 (-31)	40-40-0 (15)

## CEC Series

### RECIPROCATING ESTER COMPRESSOR OIL

- Synthetic ester formulation • Resists deposits for improved valve performance
- Ideal for severe-service and multi-stage reciprocating compressors • Built-in cleaning properties

Stock Code	ISO Grade	Viscosity @ 40°C/100°C, cSt	Viscosity Index	Flash Point, °C (°F)	Pour Point, °C (°F)	Demulsibility
CEC100	100	98.3/13.1	130	264 (507)	-43 (-45)	40-40-0 (20)
CEC150	150	150.4/17.7	130	250 (482)	-38 (-36)	40-40-0 (25)

## CBL Series

### SYNTHETIC BLOWER OIL

- Synthetic PAO formulation • Heat-resistant
- Wide operating temperature range

Stock Code	ISO Grade	Viscosity @ 40°C/100°C, cSt	Viscosity Index	Flash Point, °C (°F)	Pour Point, °C (°F)	Demulsibility
CBL150	150	151.2/19.7	150	284 (543)	-44 (-47)	40-40-0 (10)
CBL220	220	222/26.5	153	280 (536)	-40 (-40)	40-40-0 (15)

## SevAir/Original Equipment Manufacturer (OEM) Cross-Reference Chart

OEM Products	SevAir Recommendation
Atlas Copco* Products	
Roto Synthetic Fluid XTEND DUTY*	CAO46
Gardner Denver* Products	
Gardner Denver AEON 9000 SP	CAO46
Gardner Denver AEON 9000 TH	CAO68
Gardner Denver AEON PG (PAG)	CPG46
Ingersoll-Rand* Products	
Ingersoll-Rand XL-740HT	CEC150
Ingersoll-Rand All Season T-30 Select	CEC100
Ingersoll-Rand SSR Ultra Coolant* (PAG)	CPG46
Kaeser* Products	
Sigma Premium Plus* S 460	CAO46
Mattei* Products	
Mattei Rotoroil 8000F2*	CEC100
Quincy* Products	
QuinSyn* Plus	CAO46
QuinSyn PG (PAG)	CPG46
Sullair* Products	
Sullair Sullube 32* (PAG)	CPG46

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SevAir products are not recommended for "breathing air" or refrigeration compressors. They are also not recommended for use in turbines or food-grade environments.

This cross-reference chart is intended for general guidance only. AMSOIL INC. makes no warranty, express or implied, concerning the equivalency, interchangeability or suitability of any cross-referenced lubricants for any particular application or purpose. For additional product recommendations, please contact your AMSOIL representative.

## PRIVATE-LABEL OPPORTUNITIES

Our private-label program can help your company increase brand image and market share. We offer a full range of synthetic and conventional lubricants and a variety of package sizes and colors to suit your brand. AMSOIL INC. offers numerous turn-key services such as graphic-design assistance for marketing documents, lab-testing capabilities, custom formulations, and regulatory and compliance assistance. Contact us for more information.



### Contact Us for More Information

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