BUY ONLINE

SAVE UP TO 25%

Cost Effective

Compressor oil affects not only compressor life, but profitability. AMSOIL synthetic compressor oils help cut maintenance costs, energy use and lubricant consumption, increasing profitability.

Lower Maintenance Costs

AMSOIL synthetic compressor oils can be used up to 8,000 hours in rotary screw and vane compressors when used with oil analysis and a preventive-maintenance program. Compared to conventional oils, the extended drain intervals they provide reduce downtime, labor and disposal costs associated with lubricant changes.

Outstanding Energy Efficiency

AMSOIL synthetic compressor oils' low-friction properties minimize drag, which reduces heat and maximizes energy efficiency for gas compression. Maximum energy efficiency helps reduce operating costs.

Reduced Lubricant Consumption

AMSOIL synthetic compressor oils reduce oil carry-over to minimize the amount of oil lost through the air system. In addition, their excellent shear stability and resistance to volatility under extreme heat reduce oil consumption, saving money.



FREE CATALOG

AMSOIL Compressor Oils Typical Technical Properties

COMPRESSOR OIL	SEI	PCH	PCI	PCJ	PCK	DCK	DCL
ISO Viscosity Grade ASTM D2422	ISO 32/46	ISO 32	ISO 46	ISO 68	ISO 100	ISO 100	ISO 150
SAE Grade	–	SAE 10W	SAE 20	SAE 30	SAE 40	SAE 30	SAE 40
Kinematic Viscosity @ 100°C ASTM D445	6.3	6.1	7.3	10.5	13.4	11.3	13.7
Kinematic Viscosity @ 40°C ASTM D445	40.1	32.8	43.0	68.1	100.2	99.1	148.5
Viscosity Index ASTM D2270	103	135	132	145	133	100	86
Flash Point °C (°F) ASTM D92	252 (486)	260 (500)	252 (486)	250 (482)	262 (504)	250 (482)	258 (496)
Fire Point °C (°F) ASTM D92	280 (536)	274 (525)	276 (529)	276 (529)	274 (525)	282 (540)	282 (540)
Pour Point °C (°F) ASTM D97	-43 (-45)	-53 (-63)	-47 (-53)	-40 (-40)	-44 (-47)	-40 (-40)	-31 (-24)
Four-Ball Wear Test ASTM D4172 40 kg, 1200 rpm, 75°C, 60 min.	0.45	0.45	0.45	0.45	0.45	0.45	0.45
Copper Strip Corrosion Test ASTM D130	1A	1A	1A	1A	1A	1A	1A
Rust Tests ASTM D665	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Foam, ml ASTM D892 Sequence I, II and III at end of test	0/0, 0/0, 0/0	0/0, 0/0, 0/0	0/0, 0/0, 0/0	0/0, 0/0, 0/0	0/0, 0/0, 0/0	0/0, 0/0, 0/0	0/0, 0/0, 0/0
Demulsibility ASTM D1401 Oil/Water/Cuff Minutes to 0 Cuff	40/40/0 (25)	40/40/0 (10)	40/40/0 (10)	40/40/0 (5)	40/40/0 (10)	40/40/0 (15)	40/40/0 (15)
Most common compressor application	Rotary Screw	Rotary Screw	Rotary Screw	Piston or Screw	Piston	Piston (Use when air discharge temperatures are high)	Piston (Use when air discharge temperatures are high)

NOT RECOMMENDED FOR BREATHING AIR OR REFRIGERATION COMPRESSORS



AMSOIL The First in Synthetics®

Contact your local full-service AMSOIL Dealer for more information on AMSOIL products or to place an order. You may also order direct by calling AMSOIL INC. at 1-800-956-5695 and providing the referral number listed here. ▼

Referral #_____

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Industrial-Grade Synthetic Compressor Oils



AMSOIL® The First in Synthetics®

AMSOIL Synthetic Compressor Oils are engineered to help improve operating efficiency and reduce costs.

Maximize Productivity & Profitability

Air compressors play a vital role in industry. They deliver the energy needed to keep tools, equipment and machinery up and running, making money. Despite their crucial role in production, compressors generally are not foremost in the minds of maintenance technicians. Oil changes can be delayed – or forgotten completely – allowing cylinder and bearing wear, carbon buildup and corrosion to set in, leading to costly repairs. AMSOIL synthetic compressor oils are durable, reliable and affordable. They are engineered with advanced synthetic technology tailored to the unique demands of rotary screw, vane and reciprocating compressors so you can be confident your equipment is protected and running efficiently. And, while other synthetic compressor oils can top $100 a gallon, AMSOIL synthetic compressor oils often cost nearly half that without compromising quality, offering the best of both worlds.

- **Outstanding quality at an affordable price**
- **Reliable protection**
- **Help Increase productivity**

AMSOIL synthetic compressor oils offer a high-quality replacement for more expensive OEM-branded compressor oils.





Outstanding Protection

Compressor oils incapable of controlling elevated heat, carbon buildup and corrosion can lead to costly repairs. AMSOIL synthetic compressor oils resist the negative effects of severe service for long compressor life.

Heat Control

High heat leads to deposit formation. Deposit-covered valves cannot close completely, allowing hot, exhausted air back into the compression chamber, where it becomes increasingly hot when it is again compressed. Known as recompression, the problem is compounded as deposits build due to increasing heat in the compression chamber. Recompression erodes efficiency and can eventually result in a violent explosion. AMSOIL compressor oils inhibit or prevent the formation of carbon deposits on valves, limiting the detrimental effects of recompression.

Sludge, Varnish, Lacquer and Carbon Control

AMSOIL compressor oils' unique synthetic technology is inherently resistant to thermal and oxidative breakdown. Combined with premium antioxidants, AMSOIL compressor oils eliminate or greatly minimize the formation of sludge, varnish, lacquer and carbon. In addition, their good solvency characteristics help clean systems and provide keep-clean performance.

Corrosion, Emulsion and Foam Control

AMSOIL synthetic compressor oils are stable in the presence of water and readily separate from water, helping prevent unwanted oil/water emulsions that inhibit an oil's ability to lubricate. This provides longer lubricant life while allowing water to be easily drained from the sump. Top-quality rust-preventive additives offer dependable protection for components in the presence of water or process contaminants, while anti-foam agents ensure a consistent, protective oil film, even during high-speed, high-pressure operation.

Wear Protection

Formulated with a non-detergent additive system, AMSOIL synthetic compressor oils form a strong barrier on parts, helping prevent metal-to-metal contact. They are designed to outperform competitive synthetic and petroleum compressor oils, decreasing wear and time spent performing maintenance, while increasing profits and component life.

All-Season Performance

Low pour points and good thermal stability allow AMSOIL compressor oils to be used over a wide temperature range, reducing the need for seasonal fluid changes. In cold temperatures, AMSOIL compressor oils provide easier starts and fast post-startup lubricant circulation. In hot temperatures, AMSOIL compressor oils ensure superior protection by maintaining a thick lubricating film between moving parts.

Greater Safety

AMSOIL compressor oils' flash, fire and auto-ignition points are higher than those of competitive petroleum fluids, minimizing fire and explosion hazards. Their ashless additive systems and resistance to carbon deposit formation minimize ignition-promoting hot spots.

Note: AMSOIL compressor oils are not fire-resistant compressor oils.

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AMSOIL SIROCCO® SYNTHETIC COMPRESSOR OIL



Benefits

- High-quality replacement for more expensive polyalkylene glycol (PAG) fluids
- Helps eliminate need for multiple compressor oils
- Extended oil drain intervals of up to 8,000 hours
- Resists water contamination
- Compatible with most compressor oils

Applications

AMSOIL SIROCCO can be used in rotary screw compressors in place of ISO 32 and ISO 46 mineral oil, polyalphaolefin, polyolester, polyalkylene glycol and diester-type compressor oils.

AMSOIL DC SERIES SYNTHETIC DIESTER COMPRESSOR OIL

Benefits

- Excellent anti-wear protection
- Anti-foam fortified
- Virtually eliminates carbon deposits on valves
- Promotes reduced energy consumption
- Resists water contamination
- Extended oil drain intervals of up to 8,000 hours
- Minimizes or eliminates recompression
- Reduces downtime and maintenance costs
- Excellent high-temperature performance

Applications

AMSOIL DC Series Synthetic Compressor Oil can be used in reciprocating and vane compressors and vacuum pumps.





AMSOIL PC SERIES SYNTHETIC COMPRESSOR OIL

Benefits

- Excellent anti-wear protection
- Anti-foam fortified
- Resists carbon
- Thermally stable
- Extended oil drain intervals of up to 8,000 hours
- Resists water contamination
- Low-friction properties
- Promotes reduced energy consumption

Applications

The correct viscosity of AMSOIL PC Series Synthetic Compressor Oil can be used in rotary screw, vane and reciprocating compressors and vacuum pumps.