

## SIROCCO® Synthetic Compressor Oil

ISO 32/46

AMSOIL SIROCCO® Synthetic Compressor Oil is formulated with premium synthetic ester technology. This high-quality, long-life fluid lasts several times longer in use than mineral-based oils. AMSOIL SIROCCO is fully formulated with non-detergent additives and is designed for use in rotary screw compressors and vacuum pumps. AMSOIL SIROCCO effectively protects against wear, oxidation, foam and rust. Its inherent lubricity and good thermal conductivity allow it to reduce heat and energy consumption. AMSOIL SIROCCO increases operating efficiency, reducing energy usage and maintenance costs. AMSOIL SIROCCO maintains performance across a wide operating temperature range. Its low pour point, high viscosity index and lack of paraffins (wax) make it an excellent all-season lubricant. At cold temperatures, equipment starts easier and the lubricant is quickly pumped to critical components, preventing lubricant starvation and excessive wear. AMSOIL SIROCCO also repels water to help prevent damaging oil/water emulsions, allowing for longer lubricant life and ease of water removal from the reservoir.



### Performance Features

- Resists foaming.
- Inhibits rust and oxidation.
- Readily separates from water.
- Recommended for use in rotary screw compressors.
- Long-life/extended-drain performance.
- Compatible with polyglycol fluids, such as Sullair\* Sullube.\*

AMSOIL SIROCCO has higher flash, fire and auto-ignition points than competitive petroleum oils. Although AMSOIL SIROCCO increases fire safety, it cannot be considered non-flammable.

### Application Recommendation

AMSOIL SIROCCO is a multi-viscosity oil that may be used in applications calling for either an ISO 32 or ISO 46 compressor oil or coolant. It is recommended for use in single- and multi-stage rotary screw compressors and single-stage vacuum pumps.

When installing AMSOIL SIROCCO, it is recommended that the old oil be thoroughly drained and, if warranted, the system cleaned. If a lot of residue is found on the internal compressor parts, follow the manufacturer's recommendations for removal prior to installing the new oil. AMSOIL SIROCCO has a high level of solvency and may remove deposits left in the system. Check the filters and oil/air separators regularly for the first 500 hours of operation and replace as necessary.

AMSOIL SIROCCO is compatible with and recommended as a replacement for higher-priced polyalkylene glycol (PAG) compressor oils or coolants such as Sullair Sullube. No flushing is necessary when changing over from glycol coolants to AMSOIL SIROCCO. However, draining the system and changing the filters is recommended.

### Maintenance Recommendation

The polyglycol oils that AMSOIL SIROCCO replaces hold water throughout their service life. Like most non-polyglycol compressor oils, AMSOIL SIROCCO separates from water, allowing it to be periodically removed from the oil. How often this needs to be done is heavily dependent upon operating conditions. Initially, the compressor should be shut down every 24 hours for 15 minutes, allowing free water to settle to the bottom of the reservoir to be drained. Noting the amount of water removed will help establish a regular maintenance interval appropriate for the conditions. Excessive water buildup in the oil can result in filter plugging and significantly shortened oil life. If you have questions, please contact AMSOIL Technical Services at 715-399-TECH.

## TYPICAL TECHNICAL PROPERTIES

### AMSOIL SIROCCO® Synthetic Compressor Oil (SEI)

ISO Viscosity Grade (ASTM D2422)	32/46
Viscosity, 100°C, cSt (ASTM D445)	6.3
Viscosity, 40°C, cSt (ASTM D445)	40.1
Viscosity Index (ASTM D2270)	103
API Gravity (ASTM D287)	20.4
Specific Gravity (g/ml) (ASTM D1298)	0.9315
Density (lb/gal) (ASTM D1298)	7.757
Flash Point, °C (°F) (ASTM D92)	252 (486)
Fire Point, °C (°F) (ASTM D92)	280 (536)
Pour Point, °C (°F) (ASTM D97)	-43 (-45)
4-Ball Wear Test (ASTM D4172) (40 kg, 1200 rpm, 75°C, 1 hr), scar, mm	0.45

#### Service Life

AMSOIL SIROCCO Synthetic Compressor Oil is recommended for up to 8,000 hour drain intervals in most compressor applications, subject to operating conditions and maintenance practices. Monitoring by oil analysis every 1,000 hours is recommended.

#### Compatibility

AMSOIL SIROCCO is compatible with petroleum oils, most synthetic oils and many seals, paints and materials commonly used in compressors. Recommendations are listed below.

Process gases suitable for use with AMSOIL SIROCCO: nitrogen, hydrogen, helium, carbon monoxide, carbon dioxide (dry), ethylene, methane, propane, butane, propylene, butylene, natural gas, benzene, butadiene, furnace (crack gas), hydrogen sulfide (dry), synthetic gas, sulfur dioxide.

#### Recommended

Seals – Viton\*, High Nitrile Buna N (>36%), Teflon\*  
Paints – Epoxy, Oil-Resistant Alkyd, Two-Part Urethane  
Plastics – Nylon, Delrin\*, Celcon\*, PBT

#### Not Recommended

Seals – Neoprene, SBR Rubber, Low Nitrile Buna N  
Paints – Acrylic Paint, Lacquer  
Plastics – Polystyrene, Polycarbonate Plastic, PVC, ABS

**Not Recommended** as a replacement for or for use with the silicone-based compressor oil Sullair Sullube 24 KT.

**Not Recommended** for use in “Breathing Air” or “Refrigeration” compressors.

#### Product Warranty

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit [AMSOIL.com/warranty.aspx](http://AMSOIL.com/warranty.aspx).

#### Product Availability

AMSOIL SIROCCO is available in 5-gallon pails, 55-gallon drums, 275-gallon totes and bulk quantities. For 275-gallon totes, please allow two to four weeks for delivery.

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