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DATA SHEET

## SIROCCO® Synthetic Compressor Oil ISO 32/46

AMSOIL SIROCCO® Synthetic Compressor Oil is a premium ester-based lubricant engineered to protect rotary screw compressors and vacuum pumps against corrosion and wear in a wide range of operating conditions. It inhibits oxidation, foam and corrosion for increased compressor performance, extended oil and equipment life and reduced energy consumption and maintenance costs.

### Improves Efficiency

Formulated with premium synthetic esters and non-detergent additives, AMSOIL SIROCCO provides superior lubricity and excellent thermal conductivity that helps increase equipment efficiency by reducing operating temperatures and energy consumption.

### Extended Service Life

Cleaner system components help extend oil drain intervals and equipment service life, resulting in reduced downtime and maintenance costs. AMSOIL SIROCCO naturally resists oxidation to inhibit sludge, carbon and varnish deposits and keep components clean.

### High-Temperature Protection

The high viscosity index and flash, fire and auto-ignition points of AMSOIL SIROCCO provide superior protection in high-temperature environments compared with typical petroleum-based compressor oils. Although AMSOIL SIROCCO helps improve fire safety, it cannot be considered non-flammable.

### Cold-Temperature Performance

A low pour point and lack of paraffins (wax) make AMSOIL SIROCCO an excellent all-season lubricant. It maintains exceptional cold-flow performance in subzero temperatures for easier cold starts and fast startup protection that helps prevent premature wear of critical components.

### Resists Water Emulsion

Many compressor oils absorb water, significantly shortening oil life, plugging filters and causing equipment rust and corrosion. AMSOIL SIROCCO readily separates from water so it can be drained from the system for extended oil and equipment life.

After installation, shut the compressor down for 15 minutes every 24 hours to allow water to settle in the drainage reservoir. Extend drainage intervals based on amount of water removed and your specific environmental conditions. Contact AMSOIL Technical Services at 715-399-TECH for additional assistance.



- **Protects** against corrosion and wear to help extend equipment life.
- **Excellent** demulsibility, eliminating oil/water emulsions.
- **Resists** foam, heat and oxidation for extended oil life.
- **Superior** resistance to sludge, carbon and varnish deposits.
- **Compatible** with mineral oils and most synthetic oils, seals, paints and materials.

## 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)
Four-Ball Wear (ASTM D4172) (40 kg, 1200 rpm, 75°C, 1 hr), scar, mm	0.45
Demulsibility (ASTM D1401)	40/40/0 (25)

### Applications

Use AMSOIL SIROCCO in single- and multi-stage rotary screw compressors and single-stage vacuum pumps that specify either an ISO 32 or ISO 46 compressor oil. It is recommended as a replacement for other polyalkylene glycol (PAG) compressor oils or coolants, including Sullair Sullube.\*

### Compatibility

AMSOIL SIROCCO is compatible with petroleum oils, most synthetic oils and common compressor gasses, seals, paints and plastics 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: high-nitrile Buna-N (>36%), Teflon,\* Viton,\*  
Paints: epoxy, oil-resistant alkyd, two-part urethane  
Plastics: Celcon,\* Delrin,\* nylon, PBT

#### Not Recommended

Seals: low-nitrile Buna-N, neoprene, SBR  
Paints: acrylic, lacquer  
Plastics: ABS, polycarbonate, polystyrene, PVC

**Not Recommended** as a replacement for or for use with Sullair Sullube 24 KT silicone-based compressor oil or for use in refrigeration or breathing air compressors.

### Service Recommendations

AMSOIL SIROCCO has a high level of solvency and may release deposits left in the system. Thoroughly drain the old oil, change the filters and follow the manufacturer's recommendations to remove any residue before installing. Regularly check filters and oil/air separators for the first 500 hours of operation and replace as necessary.

Service life of up to 8,000 hours is possible, subject to operating conditions, maintenance practices and monitoring with routine oil analysis every 1,000 hours.

### Warranty

AMSOIL products are backed by a Limited Liability Warranty. For details visit [AMSOIL.com/warranty.aspx](https://www.amsoil.com/warranty.aspx).

### Availability

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

### Health & Safety

This product is not expected to cause health concerns when used for the intended applications and according to the recommendations in the Safety Data Sheet (SDS) available at [AMSOIL.com](https://www.amsoil.com) or by calling (715) 392 7101. **Keep Out of Reach of Children.** Recycle used oil and container.

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