



SYNTHETIC INDUSTRIAL COMPRESSOR OILS

Compressed air is an essential part of any manufacturing facility. After all, without reliable air compression, production would cease. Synthetic Industrial Compressor Oils provide customized protection against wear and tear when conventional compressor oils don't meet the performance specifications of your customer's machinery. By keeping moving parts well lubricated during compression, synthetic compressor oils reduce maintenance costs and extend compressor life, saving your customers money.

Use this information sheet to determine the Synthetic Industrial Compressor Oil that is best suited for your customer's needs.

SYNDUSTRIAL® ROTARY COMPRESSOR OIL

Synthetic Polyalkylene Glycol/Ester Air Compressor Oil

Syndustrial® Rotary Compressor Oil is formulated with a blend of PAG and ester base oils, and carefully selected additives to provide outstanding deposit control, oxidation resistance, corrosion inhibition and rust protection in the presence of hot compressed air. Syndustrial® Rotary Compressor Oil provides extended service life compared to semi-synthetic, paraffinic and naphthalenic compressor oils.

APPLICATIONS

- Oil-flooded rotary screw, rotary lobe and rotary vane air compressors where the manufacturer specifies a synthetic coolant or this type of lubricant
- Drop-in replacement for private label compressor oils marketed by Sullair and Ingersoll-Rand with similar chemistry

FEATURES/BENEFITS

- Excellent cooling and heat transfer properties
- Low volatility for less oil make up
- Very low pour point and high viscosity index
- Excellent thermal and oxidative stability
- Extended drain capability
- Higher film strength for wear protection
- Protects against rust and corrosion
- Fully compatible with most compressor components including seals, gaskets and hoses

SYNDUSTRIAL® PAG COMPRESSOR OIL

Synthetic Polyalkylene Glycol Compressor Oil for Gas Compression

Syndustrial® PAG Compressor Oil is formulated with synthetic PAG base oils and carefully selected additives to provide long service life, excellent wear protection, resistance to washout and protection against rust and corrosion. Syndustrial® PAG Compressor Oil is highly resistant to gas dilution and absorption into the gas stream, and is fortified to resist corrosion in the presence of hydrogen sulfide when processing sour gas.

APPLICATIONS

- Oil-flooded rotary screw and rotary vane compressors processing natural gas, carbon dioxide, or other hydrocarbon gases
- Gas compression applications where resistance to dilution and lubricant carryover are critical
- Cylinder lubricant for reciprocating compressors processing natural gas, carbon dioxide and other process gases which require chemical resistance

FEATURES/BENEFITS

- Resists wash off by hydrocarbon gases and liquids
- Resists absorption into the gas phase and carryover of the lubricant downstream
- Insoluble in hydrocarbons, minimizes dilution effects
- Higher film strength than traditional lubricants
- Protects against rust and corrosion
- Fully compatible with most compressor components including seals, gaskets and hoses

SYNCON® REFRIGERATION OIL

Synthetic PAO-Based Refrigeration Compressor Oil

Syncon® Refrigeration Oil is formulated with synthetic base oils and a carefully balanced additive package to provide long service life and excellent deposit control, which can result in less maintenance, extended service intervals and significant savings for the end user. Syncon® Refrigeration Oil is more resistant to oxidation than conventional paraffinic and naphthalenic-based refrigeration oils, resulting in less buildup of varnish and sludge deposits in the compressor.

APPLICATIONS

- Rotary screw refrigeration compressors operating under severe-service conditions
- Rotary compressors used in ammonia, methyl chloride, and carbon dioxide refrigeration systems
- Ammonia and carbon dioxide manufacturing plants
- Cold storage warehouses and distribution facilities
- Chemical plants
- Ice plants

FEATURES/BENEFITS

- Outstanding low temperature fluidity
- Excellent deposit control
- Low volatility for less oil make up
- Very low pour point and high viscosity index
- Outstanding thermal stability
- Protects against rust and corrosion

SYNDUSTRIAL® GAS COMPRESSOR OIL

Synthetic-Blend Natural Gas Compressor Oil

Syndustrial® Gas Compressor Oil is a carefully balanced blend of synthetic ester and hydrotreated paraffinic base oils and select additives to provide optimum deposit control and excellent high temperature oxidation and thermal stability. Its high viscosity and the use of synthetic ester base stocks help combat the problems associated with gas dilution and oil absorption, resulting in better wear protection, extended service intervals and reduced oil consumption.

APPLICATIONS

- Crankcase and cylinder lubrication of reciprocating compressors pumping natural gas
- Reciprocating compressors commonly found in remote gas gathering stations

FEATURES/BENEFITS

- Low varnish-forming tendency
- Low pour point for year-round protection and ease of handling in cold weather
- High viscosity index use over a wide temperature range
- Outstanding thermal and oxidative stability
- Protects against rust and corrosion
- Reduced maintenance and downtime
- Resists corrosion and hydrogen sulfide

Synthetic Industrial Compressor Oils provide outstanding performance and protection, offering significant value and savings for the end user.

For more information on Synthetic Industrial Compressor Oils, speak with your local Marketer or call 800-766-0050.

