



CONOCO



SYNTHETIC INDUSTRIAL RUST & OXIDATION OILS

SYNTHETIC INDUSTRIAL R&O OILS

When conventional R&O Oils can't meet the demands of severe service, it's time to turn to synthetics. Synthetic Industrial R&O Oils provide custom-tailored performance protection when conventional oils don't meet the application requirements of your customers' machinery. ConocoPhillips synthetic rust and oxidation-inhibited oils are formulated from the highest quality synthetic base stocks and fortified with advanced additive technology to provide outstanding performance and extended service life.

Use this information sheet to determine the R&O oil that is best suited for your customer's needs.

SYNDUSTRIAL® R&O OIL

Synthetic Diester Rust & Oxidation-Inhibited Compressor Oil

Syndustrial® R&O Oil is a synthetic diester lubricant developed for use in reciprocating and some rotary air compressors operating under severe service conditions and in a moisture-free environment. Syndustrial® R&O Oil is recommended for applications where operating conditions may be unfavorable or too severe for conventional mineral oil-based lubricants. It has better oxidation resistance and thermal stability than conventional mineral-oil based lubricants, resulting in fewer deposits and longer service life.

APPLICATIONS

- Reciprocating air compressors
- Some rotary compressors operating in dry environments
- Circulating systems requiring a synthetic diester lubricant
- Plain and rolling element bearings operating at very high or very low temperatures
- Industrial equipment operating over a wide temperature range where an inhibited mineral oil is recommended

FEATURES/BENEFITS

- Excellent resistance to thermal breakdown at high temperatures
- Excellent service over a wide temperature range
- Excellent low temperature properties
- Good foam resistance
- Excellent oxidation resistance to minimize sludge and varnish formation
- Good water separating characteristics



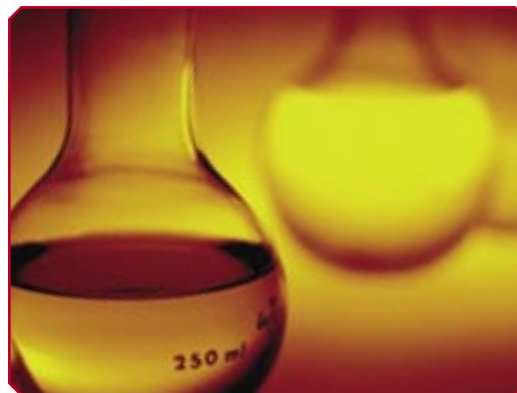
SYNCON® R&O OIL

Multipurpose Synthetic PAO-Based Rust & Oxidation-Inhibited Circulating Oil

Syncon® R&O Oil is a synthetic circulating oil developed for use in a wide variety of industrial applications, including rotary air compressors, circulating pumps and moderately loaded enclosed gearboxes. It is recommended for use in applications where operating conditions may be unfavorable or too severe for conventional mineral oil-based lubricants. Syncon® R&O Oil has better oxidation resistance and thermal stability than conventional mineral oil-based lubricants, resulting in better deposit control and longer service life.

APPLICATIONS

- Rotary air compressors where the manufacturer specifies a PAO-based lubricant
- Plain and rolling element bearings operating at very high or very low temperatures
- Industrial gearboxes with steel-on-steel metallurgy that do not require an extreme-pressure gear lubricant
- Industrial worm gearboxes with bronze-on-steel gears
- Industrial equipment operating over a wide temperature range where inhibited mineral oil is recommended
- Circulating system of paper machine dryer sections and calender stacks



FEATURES/BENEFITS

- Outstanding resistance to thermal breakdown at high temperatures
- Excellent rust and corrosion protection
- Protects against wear
- Good water separating properties to minimize emulsion formation
- Good foam resistance
- Excellent low-temperature fluidity
- Outstanding oxidation resistance to minimize sludge and varnish formation
- Low carbon-forming tendencies for use in rotary air compressors
- Compatible with mineral oils

Synthetic Industrial R&O Oils provide outstanding performance and long service life, which can result in significant savings and reduced downtime for the end user. Recommend Synthetic Industrial R&O Compressor Oils to your customers and both will benefit.

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

