

Synthetic R&O Oils

Full Synthetic, Industrial Rust and Oxidation Inhibitor Oils

Description

Nemco Synthetic R&O Oils are high quality synthetic lubricants designed for use in steam and gas turbines, and for circulating oil systems of a wide range of industrial machinery. They are blended with premium quality synthetic base oils and a multifunctional Rust and Oxidation (R&O) additive package. Nemco Synthetic R&O Oils provide outstanding thermal and oxidative stability, superior resistance to sludge formation, excellent water separation and outstanding protection against wear. They resist rust and corrosion and have superior antifoam characteristics. Exceptional low temperature fluidity provides applications not normally possible with petroleum products of comparable viscosity.

Advantages

- Provides excellent performance; low-temp fluidity for easy startup
- Long life; synthetic base stocks increase gear life and rust and oxidation inhibitors protect against corrosion
- Excellent lubricating properties; high VI for wide temperature range of service, decrease sliding and rolling friction in gears
- Improved cost efficiency; lower operating cost than mineral-based oils

Applications

- Open gear boxes (non-EP)
- Circulating oil systems
- Circulating oil for paper machines and paper machine drier bearings, calendar stacks, and winders
- Large anti-friction and journal bearings
- Use with light to moderately loaded gear systems, such as spur, helical, herringbone bevel gear applications
- Note: Synthetic R&O oils are NOT intended for use in heavily loaded gear applications or where EP additives are required. Do not use these products in spiral bevel, hypoid or worm gear applications.

Use and Storage

To get the best performance from your equipment ensure products meet or exceed manufacturing requirements. Lubricants typically have a shelf life of 5 years under ideal storage conditions. Keep drums and totes in good condition and away from moisture. Keep bungs securely in place; as bungs breath moisture can seep in over time. Where possible, avoid storage in areas where the temperature fluctuates between extreme highs and lows.

Health, Safety, & Environment

GHS compliant Safety Data Sheets are available at nemco.ca under Safety Data Sheets. For SDS in French, please contact info@nemco.ca. These products are WHMIS 2015 classified. The SDS contains valuable information critical to the safe handling and proper use of the product. Always take used oil to an authorized collection point. Do not discharge into drains, soil, or water.

Typical Characteristics - Synthetic R & O Oils

Properties	Method	Performance			
ISO Viscosity Grade	-	100	220	320	460
Kinematic Vis@40°C mm ² /s	ASTM D445	99.2	220	320	460
Kinematic Vis@100°C mm ² /s	ASTM D445	12.9	22.8	29.1	37.2
Viscosity Index	ASTM D2270	124	124	123	121
Flash Point (COC) °C(°F)	ASTM D92	246(475)	246(475)	242(468)	241(466)
Pour Point °C(°F)	ASTM D97	-40(-40)	-37(-35)	-34(-29)	-29(-20)

These characteristics are typical of current production, variations in these characteristics may occur.

Quality

Nemco Resources Ltd works with respected industry suppliers for lubricant additives and base oils. Nemco is a member of ILMA and the manufacturing facility in Winnipeg, Manitoba is proud to be certified to ISO9001. For questions regarding quality, please contact your Technical Sales Representative.