NEMCO
LUBRICANTS + SOLUTIONS

PRODUCT DATA SHEET

Turbine R&O Oils

Zinc-Free, Anti-Wear, with Rust & Oxidation Protection

Description

Nemco Turbine Oils are top quality ashless, rust and oxidation inhibited, anti-wear oils designed for use in turbine systems while also suitable for use in hydraulic systems, air compressors and moderate duty gear boxes.

Nemco Turbine Oils are blended with high quality base oils having excellent stability, and a balanced zinc-free anti-wear additive system that provides oxidation and thermal stability, antirust, demulsibility, antiwear, and antifoam characteristics. Nemco Turbine Oils are highly stable under thermal or oxidative stress and are exceptionally stable when in the presence of moisture.

Advantages

- Excellent oxidation control; oxidation and thermal stabiity provides extended oil and equipment life
- Wear prevention; anti-wear agent provide protection that passes all major hydraulic equipment manufacturer and user performance requirements
- Prevents water damage; hydrolytic stability with quick water separation provides good demulsibility and protection against filter plugging and water damage
- Deposit and consumption ccontrol; controls varnish and oxidation deposits as well as viscosity stability - helps control oil consumption and increases equipment life

Applications

- Turbines
- Enclosed gear sets
- Air compressors and vacuum pumps
- Irrigation right angle drives

Meets or Exceeds

- ASTM D943 Oxidation Test: Exceeds 7,000 Hours
- ASTM D665 Rust Test: Pass

Suitable/Recommended for

- Abex Denison HF-0, HF-1, HF-2
- Cincinnati Milacron P-68, P-69, P-70
- AGMA 250.04 (for R&O Oils)
- Sperry Vickers 286-S, M2950-S (35VQ25)
- U.S. Steel 127, 136

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.

Typical Characteristics – Turbine R & O Oils

Properties	Method	Performance		
ISO Viscosity Grade	-	46	68	100
Kinematic Vis@40°C mm²/s	ASTM D445	46.1	66.0	101.1
Kinematic Vis@100°C mm²/s	ASTM D445	6.8	8.5	11.6
Viscosity Index	ASTM D2270	101	99	102
Flash Point (COC) °C(°F)	ASTM D92	226(440)	232(450)	237(460)
Pour Point °C(°F)	ASTM D97	-35(-32)	-32(-26)	-30(-22)

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

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Availability and product codes

Pack size	20L pail	205L drum	1,000 tote/Bulk
Turbine 46 – 100	Special Order	Special Order	Special Order
Availability	To order, contact us toll free 855-755-6737 or at orderdesk@nemco.ca		

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.

Quality

Nemco Resources Ltd works with respected industry suppliers. 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.

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