

Heavy Duty Thread Cutting Oil

General Purpose Cutting Oil

Description

Nemco Heavy Duty Thread Cutting Oil is formulated with a combination of straight paraffin oils and special additives that provide improved performance in metal removal and metal forming applications on ferrous metals. The light-colour, low-odour, high-sulphur content polysulphide additive formula provides outstanding extreme pressure (EP) properties. Nemco Thread Cutting oil has been developed for machining tough ferrous alloys, as well as mild steel and cast iron. This product has a light amber appearance and will usually not cause staining of metal surfaces, and provides outstanding performance on difficult-to-machine metals.

Nemco Heavy Duty Thread Cutting Oil not only reduces cutting forces but provides better surface finish and longer tool life. Most cutting fluids operate as both a coolant and lubricant with the cooling effect operating independently of the lubricating action. A balance between coolant and lubricant is necessary to achieve good surface finish at low speeds and longer tool life at high speeds.

Advantages

- Stabilized to eliminate sulphur drop out in storage
- Does not affect the transparency of cutting fluids; provides high work piece visibility
- High sulphur content provides cost-effective formulating options on a percent sulphur basis

Applications

- A general purpose cutting oil for machining tough ferrous alloys, as well as mild steel and cast iron
- Can be used for hand and machine pipe threading, milling, shaping, planing, lathe work, drilling, grinding, tapping and pipe perforating

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 - Heavy Duty Thread Cutting Oil

Properties	Method	Result
Kinematic Vis@40°C mm ² /s	ASTM D445	29.1
Kinematic Vis@100°C mm ² /s	ASTM D445	5.22
Viscosity Index	ASTM D2270	110
Flash Point (COC) °C(°F)	ASTM D92	N/A
Pour Point °C(°F)	ASTM D97	N/A

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

Availability and product codes

Pack size	20L pail	205L drum	1,000 tote/Bulk
Thread Cut Oil	SLORZ0044	SLORZ0074	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. While this material is not considered hazardous 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. Avoid discharge into drains, soil, or water. As with any lubricant, keep out of reach of children and animals.

Quality

Nemco works with respected industry suppliers for base oils and additives and is a member of ILMA. Nemco Resources Limited manufacturing facility in Winnipeg, Manitoba is proud to be certified to ISO 9001. For questions regarding quality, please contact our Technical Sales representatives.