

# OE322 NS

## Ester Based Neat Cutting Oil

TRIM® OE322 NS is a heavy-duty neat cutting oil formulated using renewable vegetable esters. For use in very tough machining operations of hardened steel alloys, tool steels and stainless steels. TRIM OE322 NS is especially effective in modern, high performance lathes with high pressure chip-breaker units.

### Neat Oils



#### Neatly to the point-of-cut:

*TRIM® neat oils, used "neat" without dilution of water, provide maximum lubricity. Typically used for operations such as sliding head machines, honing, grinding very difficult to machine materials, and gun drilling.*

*Depending on the specific product, some TRIM neat oils are a high-end blend of various base oils, while others contain extreme pressure additives to control built-up edge and prolong tool life.*

*Get neatly to the cut with TRIM neat oils.*



#### Choose OE322 NS:

- Excellent extreme-pressure additive package for efficient metal removal
- Extremely high lubricity ensures fantastic tool life
- Extremely low misting potential even with high pressure chip-breaker units
- Very High flash point
- Excellent oxidation stability
- Compatible with copper containing alloys
- Light colour and low odour for good operator acceptance

#### OE322 NS especially for:

**Applications** — broaching, deep hole drilling, drilling, gear cutting, milling, reaming, tapping, and turning

**Metals** — aluminum, nickel alloys, stainless steels, steel alloys, titanium, and yellow metals

**Industries** — aerospace, automotive, general industry, and medical

**OE322 NS is free of** — chlorine and zinc

#### Health and Safety

For further information, see the most recent SDS, which is available directly from Master Fluid Solutions.

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### Application Guidelines

- TRIM OE322 NS is designed to be used straight.
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at <https://www.2trim.us/distributors.php>, your District Sales Manager, or call our Tech Line at (86) 400-801-3590.

### Physical Properties Typical Data

Color	Pale straw
Odor	Mild
Form	Liquid
Flash Point	> 235°C
Viscosity	22.00 mm <sup>2</sup> /s @40°C

### Ordering Information

204-liter drum

1000-liter tote

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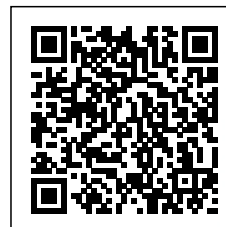
### Additional Information

- Before using on any metals or applications not specifically recommended, consult Master Fluid Solutions.
- This product should not be mixed with other metalworking fluids or metalworking fluid additives, except as recommended by Master Fluid Solutions, as this may reduce overall performance, result in adverse health effects, or damage the machine tool and parts. If contamination occurs, please contact Master Fluid Solutions for recommended action.

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—Cutting Edge Metalworking Solutions™—