

OE310 NS

Vegetable Ester Based Cutting Oil

TRIM® OE310 NS is a heavy-duty straight cutting oil formulated using renewable vegetable esters and is used in very tough machining operations of hardened steel alloys, tool steels and stainless steels. TRIM OE310 NS is especially effective in deep hole drilling applications due to its low viscosity, lubricity and EP performance.

Straight Oils



Straight to the point-of-cut:

TRIM® straight oils, used "straight up", without dilution of water, provide maximum lubricity. Typically used for operations such as Swiss-style screw machines, honing, grinding very difficult to machine materials, and gun drilling.

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

Get straight to the cut with TRIM straight oils.



Choose OE310 NS:

- Excellent extreme-pressure additive package for efficient metal removal
- Extremely high lubricity ensures fantastic tool life
- Low viscosity ensures excellent chip removal in deep-hole drilling
- Ester based formulation ensures very low misting potential
- Very high flash point
- Good oxidation stability
- Compatible with copper containing alloys
- Light color and low odor for good operator acceptance

OE310 NS especially for:

Applications — deep hole drilling, drilling, gun drilling, milling, reaming, tapping, and turning

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

Industries — automotive, energy, and medical

OE310 NS is free of — chlorine, mineral oils, and zinc

Health and Safety

See the most recent SDS at

<https://2trim.us/s/?i=2731-en-US-US>



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Application Guidelines

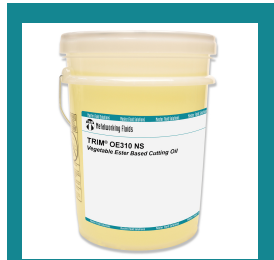
- TRIM OE310 NS is designed to be used straight.
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at <https://www.2trim.us/distributors.php>, your District Sales Manager, or call our Tech Line at 1-800-537-3365.

Physical Properties Typical Data

Color	Straw yellow
Odor	Mild
Form	Liquid
Flash Point	> 482°F
Viscosity	10.60 cSt @104°F (40°C)



1-gallon jug
SKU: OE310NS/1
UPC-12: 641238077497



5-gallon pail
SKU: OE310NS/5
UPC-12: 641238077473



54-gallon drum
SKU: OE310NS/54
UPC-12: 641238076728



270-gallon tote
SKU: OE310NS/NR270P
UPC-12: 641238077510

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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