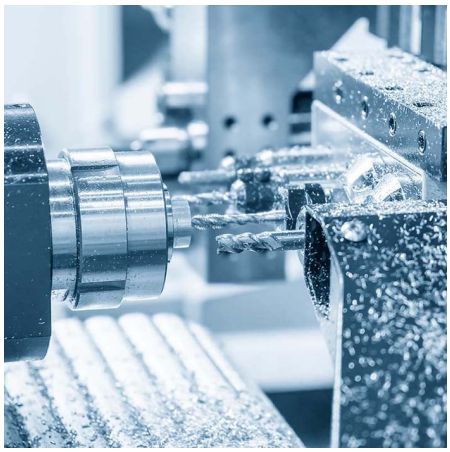
TRIM® OE310 NS

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.

Aerospace and Defense Manufacturer Cuts Cycle Time by 2 Hours per Part with TRIM® OE310 NS



Since 1959, the customer has been one of Southern California's leading manufacturers of complex machined parts for the aerospace, defense, and semiconductor industries. They specialize in producing assemblies and kits for their clients, as well as offering contract manufacturing services.

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, machining, milling, reaming, tapping, and turning

Materials — 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

Request SDS

Master Fluid SOLUTIONS®

TRIM® OE310 NS

Vegetable Ester Based Cutting Oil

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.masterfluids.com/na/en-us/distributors/index.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)
V.O.C. Content (ASTM E1868-10)	4 g/l



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



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



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



270-gallon tote
SKU: OE310NS-270G
UPC-12: 641238077510

Additional Information

- Consult Master Fluid Solutions before using on any metals or applications not specifically recommended.
- 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.
- TRIM® is a registered trademark of Master Chemical Corporation d/b/a Master Fluid Solutions.
- The information herein is given in good faith and believed current as of the date of publication and should apply to the current formula version. Because conditions of use are beyond our control, no guarantee, representation, or warranty expressed or implied is made. Consult Master Fluid Solutions for further information. For the most recent version of this document, please go to this URL:

https://2trim.us/di/?i=na_en-us_OE310NS

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