



TRIM[®] OM 313

Low V.O.C., Nonchlorinated, Cutting and Lubricating Oil

GENERAL DESCRIPTION

TRIM[®] OM 313 is a chlorine-free straight oil for use in conventional and Swiss-style screw machines, high-speed turning centers, and high-performance, multi-station machines, such as Hydromats. Excellent for high-pressure applications such as thread rolling and thread-form tapping. Proven on stainless and bearing steels. Low V.O.C. levels meet SCAQMD Rule 1144 for cleaner air. Safe for use on aluminum alloy and steel alloy parts, as well as cast iron, copper, brass, and bronze. Provides lubrication properties similar to ISO 32 general-purpose lube oils.

ADVANTAGES

- Excellent chlorine-free lubricity package for difficult applications and materials
- Low V.O.C. levels that meet SCAQMD Rule 1144 for cleaner air
- Provides machine lubrication properties similar to ISO 32 general-purpose lube oils
- Light colored, clean running
- Can replace dark, heavy-active sulfur/chlorine straight oils while providing superior results in tool life
- Low-foaming and low-misting for use in aggressive operations
- Oxidation inhibited for longer life
- Excellent choice where both ferrous and aluminum or copper alloy parts are being machined aggressively
- Far easier to wash off parts than many oils of similar or even lower performance
- Great for thread rolling, thread-form tapping, and in Swiss screw machines with solid bushings
- Contains no active sulfur, therefore, does not stain parts

APPLICATION GUIDELINES

- Product is compatible with TRIM[®] TAP NC
- For additional product applications information including performance optimization, please contact your Master Chemical Authorized Distributor at 2trim.us/distributors.php, your District Sales Manager, the Tech Line at 1-800-537-3365, or visit our website at www.masterchemical.com.

HEALTH AND SAFETY

- See the most recent SDS at 2trim.us/s/?i=1171-en-US-US.



NOTES

- Packaging: North America – 1-gallon jug, 5-gallon pail, 54-gallon drum, and 270-gallon tote bin.
- Packaging: Europe/Asia – 20-litre pail, 204-litre drum, and 1000-litre IBC.

PHYSICAL PROPERTIES (TYPICAL DATA)

Color	Yellow	Specific Gravity	0.910
Odor	Mild Oil	Viscosity	32.4 cSt @ 40°C
Form	Liquid	V.O.C. Content (ASTM E1868-10)	54.6 g/l
Flash Point	325°F (163°C) (COC)		

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