



# TRIM<sup>®</sup> OM 303

## *Nonchlorinated Cutting and Lubricating Oil*

### GENERAL DESCRIPTION

TRIM<sup>®</sup> OM 303 is a highly formulated straight oil designed for use in conventional and Swiss style screw machines, high-speed turning centers, and high-performance, multi-station machines, such as Hydromats. OM 303 is safe for use on aluminum alloy and steel alloy parts, as well as cast iron, copper, brass, and bronze. This product is excellent for high-pressure applications such as thread rolling and thread-form tapping. OM 303 has proven itself in difficult operations on stainless and bearing steels. OM 303 provides lubrication properties similar to ISO 32 general-purpose lube oils.

### ADVANTAGES

- Very light colored and clean running
- Low foaming and low misting for use in aggressive operations
- Oxidation inhibited for longer life, and an 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
- Has replaced dark, active sulfur/chlorine straight oils in several large operations while providing superior results in tool life
- An outstanding product in thread rolling, thread form tapping, and in Swiss screw machines with solid bushings
- Contains no active sulfur; therefore, does not stain parts

### APPLICATION GUIDELINES

- This product is compatible with TRIM<sup>®</sup> TAP NC; however, it should not be combined with TRIM<sup>®</sup> OM 100 or TRIM<sup>®</sup> OM 287.
- For additional product applications information including performance optimization, please contact your Master Chemical Authorized Distributor at [2trim.us/distributors.php](http://2trim.us/distributors.php), your District Sales Manager, the Tech Line at 1-800-537-3365, or visit our website at [www.masterchemical.com](http://www.masterchemical.com).

### HEALTH AND SAFETY

- See the most recent SDS at [2trim.us/s/?i=1086-en-US-US](http://2trim.us/s/?i=1086-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	Viscosity .....	32.4 cSt @ 40°C
Form .....	Liquid	V.O.C. Content (ASTM E1868-10) .....	114.7g/l
Flash Point .....	336°F (169°C) (ASTM-D93-08)		

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