TRIM® OM 287

Versatile Cutting Oil

TRIM OM 287 is a straight cutting oil designed for general machining of all metals. OM 287 has a balanced, extreme-pressure package for excellent finishes and tool life on a variety of metals.

Straight Oils



Straight to the point-of-cut:

TRIM straight oils, used "straight up" without dilution of water, provide maximum lubricity. TRIM neat oils have super lubrication and extreme pressure ability, which effectively protects the tool, prolongs its service life, and can obtain extremely high workpiece precision and surface finish.

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 prolong tool life.

Get straight to the cut with TRIM straight oils.

Aerospace Approvals

Company	Specification
Lord Corporation	No specification available

Choose OM 287:

- Excellent lubricity for efficient metal removal
- Light color and low odor for good operator acceptance
- Will not stain; runs clear
- High-quality raw materials resist oxidation
- Lower viscosity allows better cooling
- Safe for use on nonferrous as well as ferrous metals

OM 287 especially for:

Applications — band sawing, cutting, drilling, machining, reaming, roll threading, tapping, and thread forming

Materials — cast aluminum, cast iron, exotic alloys, ferrous metals, nonferrous metals, steels, wrought aluminum, and yellow metals

Industries — aerospace, automotive, firearms, and medical

OM 287 is free of — boron, copper, phosphorous, siloxane, and zinc

Health and Safety

Request SDS

Master Fluid SOLUTIONS®

TRIM® OM 287

Versatile Cutting Oil

Application Guidelines

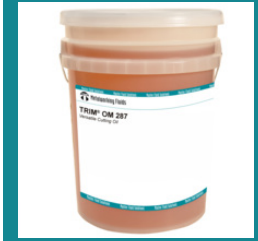
- OM 287 is excellent for use in screw machines and bar-fed, multi-station machines.
- The multi-metal compatibility of OM 287 makes it an excellent choice where a shop is working with a wide variety of materials.
- TRIM OM 287 is designed to be used straight.
- For additional product application information, 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	Brown
Odor	Mild oil
Form	Liquid
Flash Point	> 306°F
Viscosity	20.30 cSt @104°F (40°C)
V.O.C. Content (ASTM E1868-10)	24 g/l



1-gallon jug
SKU: OM287-1G
UPC-12: 641238005667



5-gallon pail
SKU: OM287-5G
UPC-12: 641238005681



54-gallon drum
SKU: OM287-54G
UPC-12: 641238005698



270-gallon tote
SKU: OM287-270G
UPC-12: 641238034131

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_OM287

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