TRIM® OM 100

Nonchlorinated Cutting Oil

TRIM OM 100 is a straight cutting oil designed for general machining of all metals including aluminum, copper, brass, and cast iron. OM 100 provides excellent lubricity without staining nonferrous 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.

Choose OM 100:

- Excellent lubricity for efficient metal removal
- Residues are very easily removed with a Master STAGES™ clean aqueous cleaner such as Master STAGES™ CLEAN 2029 "One Step"
- Will not stain
- No active sulfur or chlorine

OM 100 especially for:

Applications — band sawing, cutting, cylindrical grinding, drilling, grinding, machining, plain grinding, reaming, roll threading, surface grinding, tapping, thread forming, and through-feed centerless grinding

Materials — aluminum, brass, carbide, cast aluminum, cast iron, copper, exotic alloys, nonferrous metals, steels, tool steels, and yellow metals

Industries — automotive

OM 100 is free of — active sulfur and chlorine

Health and Safety

Request SDS

Master Fluid SOLUTIONS®

TRIM® OM 100

Nonchlorinated Cutting Oil

Application Guidelines

- TRIM OM 100 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	Clear amber
Odor	Mild
Form	Liquid
Flash Point	> 329°F
Viscosity	20.90 cSt @104°F (40°C)
V.O.C. Content (ASTM E1868-10)	21 g/l



1-gallon jug
SKU: OM100-1G
UPC-12: 641238005483



5-gallon pail
SKU: OM100-5G
UPC-12: 641238005513



54-gallon drum
SKU: OM100-54G
UPC-12: 641238005520



270-gallon tote
SKU: OM100-270G
UPC-12: 641238040354

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.
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https://2trim.us/di/?i=na_en-us_OM100

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