TRIM™ OGM100HF

High Flash Point Gear Grinding Oil

TRIM OGM100HF is a high-efficiency grinding oil composed of high-quality mineral oil and various high-quality oil additives. This product has good permeability and lubricity, and can be used in the grinding process of materials (especially gear grinding) like cast iron, alloy steel, stainless steel, etc. It is also suitable for various profile grinding, internal and external grinding, cutting, centerless grinding, and other grinding processes.

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 OGM100HF:

- Does not contain phosphorus or heavy metals, which protects the environment and reduces pollution
- Light color, low odor
- Good material compatibility
- Safe and non-irritating to the skin
- Produces good surface finishes
- Provides high-strength lubricity in various medium-to-heavy-duty machining operations
- Meets the cutting requirements of various machining operations: such as, automatic lathes, special machines, CNC lathes, and machining centers.

OGM100HF especially for:

Applications — centerless grinding and form grinding

Materials — cast iron, stainless steels, and steel alloys

Industries — automotive, general industry, and general machining

OGM100HF is free of — heavy metals and phosphorous

Health and Safety

Request SDS

Master Fluid SOLUTIONS™

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Application Guidelines

- TRIM OGM100HF 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/ap/en-ap/distributors/index.php, your District Sales Manager, or email us at apac-info@masterfluids.com.

Physical Properties Typical Data

Color	Yellow
Odor	Mild, pleasant
Form	Liquid
Flash Point	> 170°C
Viscosity	11.60 mm^2/s @40°C

Ordering Information

20-liter pail

204-liter drum

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 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=ap_en-ap_OGM100HF

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