TRIM® OM220SCF

Mineral oil and ester based neat oil

TRIM OM220SCF is a high quality, straight cutting oil designed for general machining operations on both ferrous and non-ferrous alloys. It contains a balanced extreme pressure additive package without the use of chlorine or sulfur. The use of TRIM OM220SCF ensures excellent tool life and surface finishes. TRIM OM220SCF is safe for use on aluminum alloy and steel alloy parts as well as cast iron, copper, brass, and bronze.

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 OM220SCF:

- Low odor and low misting
- Excellent oxidative stability
- Formulated to handle a variety of applications
- Excellent compatibility with copper containing alloys
- Sulphur and chlorine free extreme-pressure additive package for efficient metal removal
- Has replaced dark, heavy active sulphur/chlorine oils in several operations while providing superior results in tool life

OM220SCF especially for:

Applications — machining

Materials — aluminum alloys, brass, bronze, copper, ferrous metals, nonferrous metals, and steel alloys

Industries — general machining

OM220SCF is free of — chlorine and sulfur

Health and Safety

Request SDS

Master Fluid SOLUTIONS®

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Application Guidelines

- TRIM OM220SCF 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 to pale yellow
Color (Working Solution)	Yellow
Odor	Mild
Form	Liquid
Flash Point	> 349°F
Viscosity	21.00 cSt @104°F (40°C)
V.O.C. Content (ASTM E1868-10)	5 g/l



1-gallon jug
SKU: OM220SCF-1G
UPC-12: 641238081432



5-gallon pail
SKU: OM220SCF-5G
UPC-12: 641238081425



54-gallon drum
SKU: OM220SCF-54G
UPC-12: 641238079873



270-gallon tote
SKU: OM220SCF-270G
UPC-12: 641238081456

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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