



**MAXX**  
WATER DISPLACEMENT TECHNOLOGY

## TECHNICAL DATA SHEET

# Cutting, Tapping & Drilling Fluid



QMaxx is a corrosion-inhibiting fluid that displaces water on metal substrates while providing high-performance lubricating and cooling properties for any process where friction is caused. QMaxx Cutting, Tapping & Drilling Fluid provides superior

cutting and cooling properties for thread cutting, drilling and mill-cutting. QMaxx Cutting Fluid can be used for all aluminum metal substrates and all types of steel alloys, stainless steel, cast and high-grade steel.

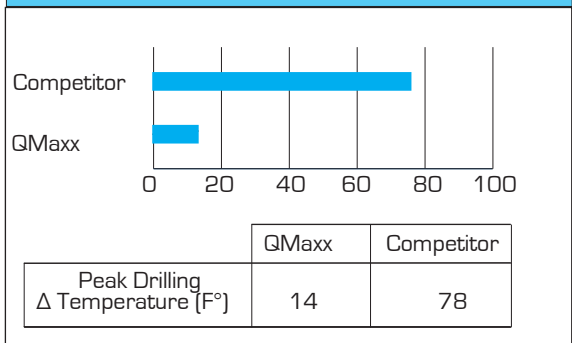
### Cutting/Drilling Properties

- Accelerates processing time
- Reduces tool wear
- Reduces heat caused by operation
- Heavier than water
- Protects against flash rusting
- Excellent cooling properties

### Cutting/Drilling Properties

- Displaces and prevents moisture on metal surfaces
- Provides environmental barrier to moisture exposure
- Dissolves surface rust
- Lubricates and prevents moisture on metal surfaces

### Peak Drilling $\Delta$ Temperature (°F)



***In head-to-head testing of QMaxx Cutting, Tapping & Drilling Fluid, QMaxx outperformed its competitor by reducing the metal substrate temperature by 59F-64F.***

## Recommended Application Method

Always read the entire label before use. Mix product well. Apply a liberal amount to the area to be drilled, threaded or cut. Continue reapplication to areas frequently with motor-driven equipment.

**Note:** use only with undiluted cutting, tapping and drilling fluid. Do not mix with mineral oil or other liquids. **Caution:** Product is not recommended to be used with water-based systems.

For further technical information:

QMaxx Products Group • 1781 Larkin Williams Road • Fenton, MO 63026

888-389-9455 • [www.qmaxxproducts.com](http://www.qmaxxproducts.com)

**DISCLAIMER:** The information provided herein is correct to the best of QMaxx Products Group's knowledge. No liability for any errors, facts or opinions is accepted. Customers must satisfy themselves as to the suitability of this product for their application. No responsibility for any loss as a result of any person placing reliance on any material contained herein will be accepted.

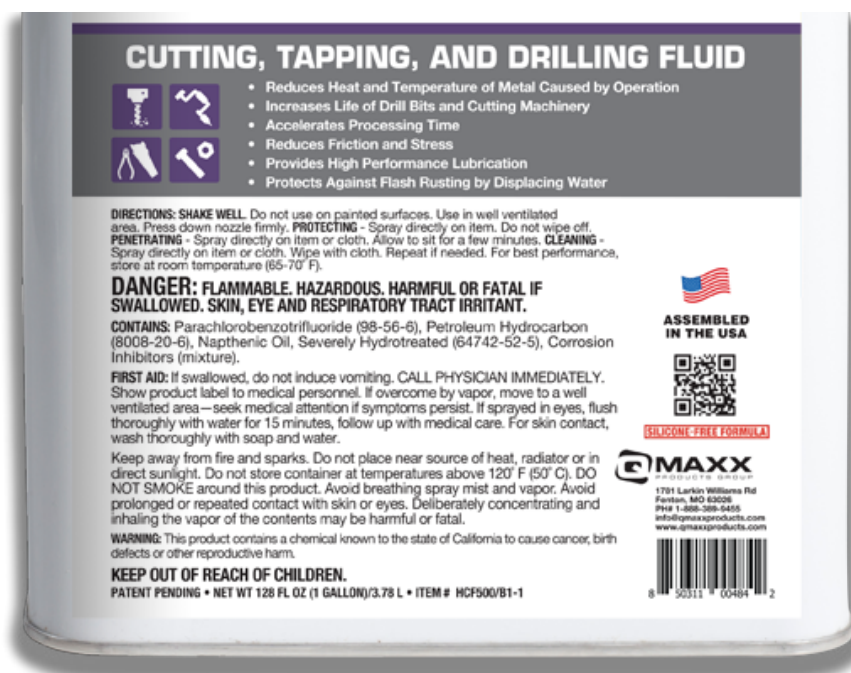
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# Cutting, Tapping & Drilling Fluid

Typical Physical Properties	
Typical Uncured Properties of Lubricant	Cutting Fluid
Color	Amber
Consistency	Pourable
Solubility in Water	Negligible
Specific Gravity	1.003
Flash Point [°F]	127.4
Typical Cured Properties	
Wear Scar per ASTM D 148 (mm)	TBD
Corrosion Protection (ASTM B117) (hrs)	TBD

Packaging Description/Part No.	
Cutting Fluid Options Listed by Packaging Description and Size	Cutting Fluid by Part Number
<b>Pump Spray</b>	
8 oz.	HCF500/P8-1
<b>Bulk</b>	
1 gallon	HCF500/B1-1



## Disposal

All used and unused product should be disposed of in conformance with local, state and federal regulations.

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