

# DAPHNE

## Magplus DH10A

### Description

Daphne Magplus Series is non-chlorine, environmental friendly, straight type cutting oil series. Daphne Magplus DH10A is designed for sever application such as Gun Drilling, Saving, Tapping, Drilling and Reaming of carbon steel and alloy steel parts.

### Features & Characteristics

- (1) Daphne Magplus Series is formulated with alternative additives to eliminate chlorine type additives. So, do not generate toxic substances when they are burned.
- (2) Daphne Magplus DH10A contains unique non-chlorine EP additives such as active sulfur, stress releasors, friction modifier and lubricity improvers to reduce the shearing stress between cutting tool and work piece.
- (3) Daphne Magplus DH10A produces low amounts of mist due to its special additive.

### Chemical and Physical Properties

Test Item	Test Method	Unit	Result
Density at 15°C	ASTM D4052	g/cm <sup>3</sup>	0.844
Color (ASTM)	ASTM D1500	-	L2.5
Flash Point (C.O.C)	ASTM D92	°C	180
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	10.5
Copper Corrosion 100°C×1H	ASTM D130	-	4(4b)
Sulfur Content	ASTM D6443	wt%	1.2

### Package

200L D/M, 20L P/L

- Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provide in the Safety Data Sheet (SDS) are followed.
- SDS is available upon request through your sales contract office, or via the internet.  
<https://www.idemitsu.com/jp/business/lube/>
- Due to continual product research and development, the information contained herein is subject to change without notification.

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