



Daphne Magplus DH Series

High Performance Deep Hole Drilling Oil

Description

Daphne Magplus DH Series is range of **Chlorine-Free** neat cutting oil formulated with various additives like: special Stress Releaser, anti-mist additives and highly refined paraffinic base stock. Daphne Magplus DH 10 is an active type cutting oil for deep hole cutting/drilling of the hard-to-shape carbon steels and alloy steels.

Application

It is a deep-hole (gun drill, B.T.A) cutting oil for carbon steels and alloy steels.

1. DH 10 - mainly for carbon steel and alloy steel
2. DH 10A - mainly for hard to machine carbon steel and alloy steel (for example: forged parts)

Characteristics

1. Addition of special active type sulphur extreme-pressure additive controls the formation of the built-up edge to enable highly precision cutting.
2. Tool wear can be greatly reduced with the addition of Stress Releaser additive.
3. Its low viscosity greatly reduces the carry-away by cutting chips, thus lowering consumption of the oil.
4. Its light color nature improves visibility and operating efficiency.
5. Addition of mist suppressant greatly reduces mist and promotes safer and healthier working environment.

Packing

20L pail, 200L drum

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Lubricant Product Information



Typical Specifications

Daphne Magplus DH Series

| | TYPE OF METHOD | Daphne Magplus DH 10 | Daphne Magplus DH 10A |
|---------------------------------|---------------------------|---------------------------------|----------------------------------|
| Colour | ASTM D-1500 | L0.5 | L0.5 |
| Density 15 °C g/cm ³ | ASTM D-4052 | 0.876 | 0.8788 |
| Viscosity, cSt @ 40 °C | ASTM D-445 | 8.92 | 10.47 |
| Flash Point (COC), °C | ASTM D-92 | 166 | 166 |
| Copper Corrosion (100°C x 1Hr) | ASTM D-130 | 4(4C) | 4(4A) |
| Sulphur Content, wt% | - | 0.5 | 1.1 |
| Fat Content wt % | - | - | 3.0 |

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