

Lubricant Product Information



Daphne Magplus ST 25

High Performance Neat Cutting Oil

Description

Daphne Magplus ST 25 is an active neat cutting oil specially formulated for high precision deep-hole drilling of carbon steels and alloy steels and various continuous cutting processes on stainless steels. It is a chlorine-free oil formulated with paraffin base oils with various additives like: active E.P. additive and SR agent to provide excellent cutting performance.

Application

Recommended for: -

1. Difficult to cut material like: carbon steels and alloy steels in gun-drill and BTA.
2. Continuous cutting processes of hard-to-shape material such as stainless steel in drilling, reaming and turning process with excellent surface finishing.

Characteristics

1. E.P. additive effectively prevents the formation of build-up-edge on cutting tool thus achieving excellent surface finishing.
2. SR agent (stress releasing) effectively minimizes tool wears.
3. Low viscosity results in lower cutting oil consumption from less oil being carried away by cutting chips.
4. Light transparent appearance provides good visibility during machining operation.

Packing

20L pail, 200L drum

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Typical Specifications

Daphne Magplus ST 25

	ASTM	
	METHOD	
Density 15 °C g/cm ³	D-4052	0.8765
Viscosity, cSt @ 40 °C	D-445	10.73
Flash Point (COC) °C	D-92	162
Copper Corrosion (100°C x 1Hr)	D-130	4(4C)
Sulphur wt%	-	0.73

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