



Daphne Magplus SLA Series

High Performance Neat Cutting Oil

Description

Daphne Magplus SLA Series is a range of **chlorine-free, non-active** type neat cutting oils. These products have been specially formulated with highly refined base oil, non-active sulphur extreme pressure additives, fatty oil, anti-foaming agents, anti-mist additives and anti-rust additives. They provide superior cutting performance and at the same time extend tooling service life for carbon steels, high tensile steels and non-ferrous metals like: brass, copper and aluminium.

Application

Recommended for automated cutting operations in auto lathes & CNC machining centers and as well as low speed cutting operations like: threading, tapping and reaming of carbon steels, high tensile steels and non-ferrous metals.

Characteristics

1. Chlorine-free formulation.
2. Non-ferrous metal friendly.
3. Specially recommended for cutting high tensile steels and carbon steels.
4. Excellent in extending tooling service life.
5. Excellent cutting performance providing continuous high quality finish and accuracy.
6. Long oil service life due to its stable highly refined base and addition of oxidation inhibitors.

Packing

20L pail, 200L drum

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**Typical Specifications****Daphne Magplus SLA Series**

	ASTM	SLA-10	SLA-20	SLA-30
	METHOD			
Colour	D-1500	L1.5	L1.5	L1.5
Density 15 °C g/cm ³	D-4052	0.8633	0.8692	0.8744
Viscosity, cSt @ 40 °C	D-445	12.75	20.52	30.57
@ 100°C		3.170	4.288	5.453
Viscosity Index	D-2270	112	116	115
Flash Point (COC) °C	D-92	182	208	230
Total Acid No., mgKOH/gm	D-974	0.17	0.16	0.13
Copper Corrosion (100°C x 1Hr)	D-130	1b	1b	1b
Sulphur wt%	-	20>	20>	20>

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