

# DAPHNE

## MAGPLUS SLA Series

### Description

This series is None Chlorine Sustainable Cutting Oil and applicable to turning and drilling of non-ferrous metal, cast metal, carbon steel.

### Features & Characteristics

- (1) SLA series is new cutting oil that realizes cushioning between tool and work materials and low shear resistance, combined stress releaser agent and non-halogen extreme pressure agent.
- (2) Adding special base oil cut light component and mist prevent agent, the grades of SLA series suppress oil mist and fume and keeps workplace clean.
- (3) No hazardous substance generates during waste oil incineration because chlorine-type extreme pressure agent isn't used.

### Chemical and Physical Properties

Test Item	Test Method	Unit	SLA10	SLA20	SLA30
Density at 15°C	ASTM D4052	g/cm <sup>3</sup>	0.845	0.852	0.858
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	13.9	21.6	31.6
Color(ASTM)	ASTM D1500	-	L1.5	L1.5	L1.5
Flash point(COC)	ASTM D92	°C	174	196	238
Sulfur	ASTM D4951	wt%	0.2	0.2	0.2

### Package

200L D/M, 20L P/L

### Attention

- (1) Depending on the constitution, skin disorders may occur, wash thoroughly with soapy water and use a protective cream, etc...
- (2) Some cloudiness or precipitates may occur in cold weather, there is no problem in practical use.

- 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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