



DAPHNE MAGPLUS LA Series

~None Chlorine Sustainable Cutting Oil~

1. Application

This series is applicable to turning and drilling of non-ferrous metal, cast metal, carbon steel.

2. Characteristics

- (1) The grades of LA15 and LA20 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 LA15 and LA20 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.

3. Typical Specification

Item	Analysis Value			
	LA5	LA10	LA15	LA20
Density g/cm ³ @15°C	0. 8666	0. 8685	0. 8816	0. 8737
Color ASTM D-1500	L0. 5	L0. 5	L2. 5	L1. 5
Flash Point °C (C.O.C)	146	166	172	180
Kinetic Viscosity mm ² /s @40°C	4. 814	8. 294	15. 08	21. 12
Copper Corrosion 100°C × 1H	1 (1b)	1 (1b)	1 (1b)	1 (1b)
Sulfur wt%	None	None	1. 28	0. 22

4. 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.

5. Packaging

DAPHNE MAGPLUS LA Series is available in 20 L pails, 200 L drums.

- 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 are available upon request through your sales contract office, or via the internet.
<https://www.idss.co.jp/business/lube/>
- Due to continual product research and development, the information may be changed without preliminary announcements.

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