



DAPHNE PANACOOOL JS

~Long Life Water Soluble Cutting Fluid~

1. Application

DAPHNE PANACOOOL JS is soluble type cutting fluid for Carbon steel, Alloy steel and Cast iron. And **DAPHNE PANACOOOL JS** is environmental friendly because it doesn't include any chlorine compounds.

2. Essence

DAPHNE PANACOOOL JS contains the special surfactant for preventing the emulsion break, lubricity improver, and corrosion inhibitor.

3. Characteristics

- A) Because of high lubricity of special surfactant, **DAPHNE PANACOOOL JS** has high cutting performance, extend tools life and improve finished surface accuracy.
- B) High microbial resistance property extends coolant life and reduces industrial waste.
- C) No chlorine and sulfur make this product environmentally friendly.
- D) **DAPHNE PANACOOOL JS** prevents the discoloration of coolant by cast iron.

4. Attention

Coolant can be prepared by adding undiluted solution of **DAPHNE PANACOOOL JS** to water. Allowed dilution power is between 3% to 10%(for grinding), 5% to 10%(for cutting).

5. Typical specification

	Undiluted solution	10% (× 10 diluted)	5% (× 20 diluted)	2% (× 50 diluted)
Density @15°C (g/cm ³)	0.9940	—	—	—
Kinematic Viscosity@40°C (mm ² /s)	38.72	—	—	—
pH	—	9.8	9.8	9.8
Foaming @shaking cylinder	—	6-0	7-0	6-0
Rust-prevention (DIN) @r.t. x2h	—	0(pass)	0(pass)	0(pass)

- 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's 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 contained here in is subject to change without notification.

Idemitsu Kosan Co.,Ltd. Lubricants Department 2

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