

Lubricant Product Information



Daphne Super Coat JP

High Performance Spray Type Anti-Rust Lubricant

Description

Daphne Super Coat JP is aerosol type of anti-rust oil specially formulated with a highly-refined mineral base oil and various additives like rust blender additives and organic molybdenum in addition of extreme pressure agent, these improve the penetration, anti-rust and lubrication performance. Due to the potential environmental impact, the corrosion additive is barium compound free.

Application

Used as a aerosol type of lubrication for various types of machinery, tools, lubricating metal products and anti-rust application.

- General lubrication and anti-rust purpose during overhaul of machinery.
- Transport equipment & machinery, bicycles, rotation parts and other anti-rust lubricant.
- Lubrication on tools, repair parts, measuring equipment rust during storage and loosening bolts & nuts.
- Anti-rust for various machinery parts that are prompt to rust.

Characteristics

1. Excellent performance in water replacement, anti-rust, lubrication.
2. Suitable to apply on non-metal parts to prevent rust and discoloration.
3. Excellent penetration performance for narrow clearance parts and a long nozzle can be installed to enhance to lubrication efficiently.
4. Excellent performance in removing loose rust particles, nylon and wire brushes.
5. Lubrication can be carried with an inverted position.

Packing

400ml x 10 Cans

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Typical Specifications

Daphne Super Coat JP

Test Description		Daphne Super Coat JP	Existing Product	Others
Film Thickness (μm)		1.7	1.7	1.7
Rust Prevention performance	Humidity Cabinet Test (480 Hr)	A	A	B
	Salt Spray Test (48 Hr)	A	A	E
	Exposure Test (720 Hr)	A	A	B
Lubricity	Pendulum Test (JASO Method)	0.10	0.11	0.13
Water Displacement (JISK2246)		PASS	PASS	PASS
Penetration Rate, % (3 minutes)		85	84	73
Impact on Non-ferrous metals. (288 Hr)	Copper	No Oxidation	No Oxidation	Oxidize
	Aluminium	No Oxidation	No Oxidation	No Oxidation
	Zinc	No Oxidation	No Oxidation	Oxidize
	Chromium	No Oxidation	No Oxidation	No Oxidation
Resin Resistance	Polystrene	No Change	No Change	No Change
	Polycarbonate	No Change	No Change	No Change
	Polyamide	No Change	No Change	No Change
	ABS	No Change	No Change	No Change
	Acrylic	No Change	No Change	No Change

General Characteristic

Test Item	Daphne Super Coat JP	Existing Product	Others
Viscosity @40°C mm ² /s	4.668	3.528	2.837
Base Number mgKOH/g	22.0	11.5	0.19
Density @15°C g/cm ³	0.8363	0.8296	0.8171
Flash Point (COC) °C	98	85	-

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