

# LUBRICATING GREASE



## NIPPON GREASE CO., LTD.

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## NIGHTIGHT UMF

-Grease for Machine Tool-

### PRODUCT DESCRIPTION

**NIGHTIGHT UMF** is grease, mainly consisting of refined mineral oil, thickened with urea compound, without adding any solid lubricants that cause pipe clogging.

**NIGHTIGHT UMF** exerts excellent lubricity without seizure even under high-loaded severe conditions, and has good resistance against runoff of water-soluble coolant as having excellent adhesiveness and water resistance.

### FEATURES

1. Excels in anti-wear property and lubricity.
2. Excels in pumpability.
3. Has excellent resistance against coolants
4. Has excellent resistance against fretting.
5. Is excellent in adhesiveness (oil-film-retaining)

### OPERATING TEMPERATURE RANGE

-20°C ~ +130°C

### PACKAGES

500g × 6 cartridges /case

380cc × 20 cartridges /case

16kg pail

### TYPICAL PROPERTIES

		<b>NIGHTIGHT UMF</b>	Test Method
<b>Thickener</b>		Urea Compound	—
<b>Appearance</b>		Light Yellow, Semisolid	Visual
<b>Worked Penetration</b>	(25°C)	466	JIS K 2220 7
<b>Dropping Point</b>	°C	200	JIS K 2220 8
<b>Copper Corrosion</b>	(100°C, 24h)	Pass	JIS K 2220 9
<b>Apparent Viscosity</b>	(0°C)	<b>10s<sup>-1</sup></b> Pa·s	JIS K 2220 19
		<b>25s<sup>-1</sup></b> Pa·s	
		<b>100s<sup>-1</sup></b> Pa·s	
<b>Shell Four Balls</b>	<b>Weld Load</b>	N	ASTM D 2596
	<b>Scar Diameter</b>	mm	ASTM D 2266
<b>Amount of Fretting Wear</b>		mg	ASTM D 4170

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● Please read handling instructions on the container carefully when you use this product.

● Described properties and performances do not necessarily guarantee accuracy and perfection. These are subject to change without notice.

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