

NIGLUBE EP-2K

PRODUCT DESCRIPTION

NIGLUBE EP-2K is a brown butyroid lithium-soap grease mainly consisting of highly refined mineral oil as base oil. It excels in not only EP property and mechanical stability but also thermal stability, water resistance, and oxidation stability. It can be used as a lead-free lubricating grease under high speed, heavy load, or impact load conditions.

APPLICATIONS

- ◇ Training gears, pins and bushings in construction machinery.
- ◇ Bearings of heavy-load rolling machine in such as steel/alloy steel manufacturing facilities.
- ◇ Lubricating points of a pressing machine.
- ◇ Lubricating points under heavy load.

OPERATING TEMPERATURE RANGE

−20°C~+120°C

TYPICAL PROPERTIES

TEST ITEM		TYPICAL VALUE		TEST METHOD	
Worked Penetration	(25°C) °C	276		JIS K 2220 7	
Dropping Point		196		JIS K 2220 8	
Copper Corrosion	(100°C 24h)	Pass		JIS K 2220 9	
Evaporation Loss	(99°C 22h) mass%	0.45		JIS K 2220 10	
Oil Separation	(100°C 24h) mass%	0.8		JIS K 2220 11	
Oxidation Stability	(99°C 100h) MPa	0.035		JIS K 2220 12	
Worked Penetration	(10 ⁵ strokes)	350		JIS K 2220 15	
Leakage	(104°C 6h) g	1.3		JIS K 2220 17	
Apparent Viscosity	(0°C 25s) Pa·s	70		JIS K 2220 19	
Timken OK Value	(10 minutes) kg	22.7		JIS K 2220 20	
Base Oil Kinetic Viscosity	(40°C) mm ² /s	130		JIS K 2283	
Four Ball Test	Load-carrying Capacity	LNL	N	785	ASTMD 2596
		WL	N	2452	
		LWI	N	419	
	Worn Trace	(1200rpm 392N) mm	0.45		ASTMD 2266

060011/0001MS

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

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

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