

Multemp FZ No.00

Multemp FZ No.00 is organic molybdenum containing lithium grease based on synthetic hydrocarbon oil and refined mineral oil. Multemp FZ No.00 has extreme pressure characteristics and excellent wear resistance. The NLGI grade No.00 contributes to penetrate into complicated lubrication parts of reduction gears resulting in improvement of efficiency and extended lubrication life.

Typical Property

Operating Temperature: -40°C ⇔ 130°C

Test Item	Test Method	Multemp FZ No.00	
Thickener	————	lithium soap	
Base oil	————	synthetic hydrocarbon oil+ mineral oil	
Base oil kinematic viscosity, mm ² /s (40°C)	ASTM D 445	105	
Appearance	————	yellow-brown, liquid	
Worked penetration	ASTM D 217	415	
Dropping point, °C	ASTM D 566	183	
Copper strip corrosion (100°C, 24h)	ASTM D 4048	pass	
Evaporation loss, mass% (99°C, 22h)	ASTM D 972	0.78	
Low-temperature torque (-30°C) N·cm	starting torque running torque	ASTM D 1478-63	19 3.5
Four-ball EP N	L.N.S.L. W.P. L.W.I.	ASTM D 2596	1236 3923 608

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