

MOLYWHITE RE No.00

MOLYWHITE RE No.00 is a lithium grease consisting of synthetic hydrocarbon oil and refined mineral oil and treated with organic molybdenum compound. MOLYWHITE RE No.00 has excellent extreme pressure characteristics and wear resistance. The NLGI grade No.00 assures efficient distribution to lubrication parts of reduction gears resulting in improved efficiency and extended lubrication life.

Typical analyses

Usage temperature range $-40^{\circ}\text{C} \leftrightarrow 130^{\circ}\text{C}$

Test item	Test method	MOLYWHITE RE No.00
Thickener	—————	lithium soap
Base oil	—————	synthetic hydrocarbon oil + mineral oil
Base oil kinematic viscosity (40°C) mm ² /s	ASTM D 445	32.1
Appearance	—————	yellow, semi—fluid
Worked penetration	ASTM D 217	415
Dropping point °C	ASTM D 566	193
Copper strip corrosion (100°C,24h)	ASTM D 4048	pass
Evaporation loss (99°C, 22h) mass%	ASTM D 972	0.82
Oxidation stability (99°C,100h) kPa	ASTM D 942	20
Working stability	FTMS 791C—313	410
Low—temperature torque N·cm	ASTM D 1478—63	(-30°C) Starting torque Running torque
		(-40°C) Starting torque Running torque
Four—ball EP N	ASTM D 2596	L.N.S.L. W.P. L.W.I. 1236 3089 569

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