

Reduction Gear Grease

VIGOGREASE RE0

VIGOGREASE RE0 is EP lithium grease with excellent wear resistance. It is based on hydrocarbon oil and refined mineral oil, and contains organic molybdenum compound. This soft grease effectively reaches to sophisticated lubrication points of reduction gears, providing improved efficiency and extended lubrication life.

Typical Property

Operating Temperature: -40°C ⇔ 130°C

Test Item	Test Method	VIGOGREASE RE0	
Thickener	————	lithium soap	
Base oil	————	synthetic hydrocarbon + mineral oil	
Base oil kinematic viscosity @40°C, mm ² /s	ASTM D 445	81.3	
Appearance	————	yellowish brown, fluid	
Worked penetration	ASTM D 217	385	
Dropping point, °C	ASTM D 566	190	
Copper strip corrosion (100°C, 24h)	ASTM D 4048	no change to black or green	
Evaporation loss, mass% (99°C, 22h)	ASTM D 972	1.00	
Oxidation stability, kPa (99°C, 100h)	ASTM D 942	20	
Worked stability	FTMS 791C-313	400	
Low-temp. torque, mN·m	ASTM D 1478-63	(-30°C) starting running	220
		(-30°C) running	32
		(-40°C) starting running	350
		(-40°C) running	51
High-speed four-ball EP, N	ASTM D 2596	L.N.S.L.	1236
		W.P.	3089
		L.W.I	520

04/05

- Notes: *The product is designated as combustible material.
 *The above figures are typical measurements and not representing specification.

