

9.4 HIWIN G04 High Speed Grease

- **Features**

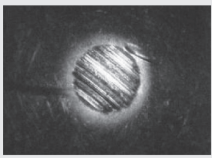

1. Wear resistant under high speed conditions
2. Low friction force under high speed conditions
3. Water resistant

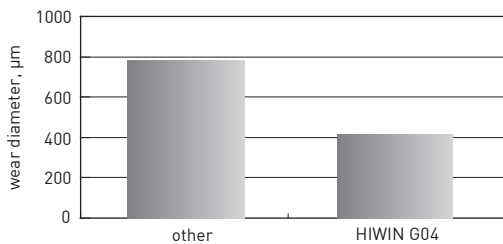
- **Basic Properties**

		HIWIN G04
Color		Beige
Base Oil		ESTER/PAO
Consistency enhancer		LITHIUM SOAP
Service Temp. (°C)		-35-120
NLGI-grade (0.1mm)		260-280
Viscosity (cst)	40°C	25
	100°C	6
Drop Point (°C)		>225
4-ball test (ASTM D2266)		418µm

	HIWIN G04	other	Note
Anti-wear	●	▲	4-ball test (ASTM D2266) 46% more
Low Friction	●	▲	motor voltage 4.6% lower at 3000rpm
Service Temperature Range	-45-125	-10-80	

- **4-ball test (ASTM D2266)**

	Wear Scar	Diameter (µm)
other		781
HIWIN G04		418



- **Wear resistance**

Screw Type : 40-10

Test Condition : motor driven voltage by different grease and rotational speed

