2-18-3 Grease

HIWIN offers various lubricants for environment such as general type, heavy load, low particle emitting, high speed, etc. According to the ways of grease reload, choices for different capacities and packages of grease are available.

Packing :70g Flexible tube, 400g Pipe, 1kg Can

HIWIN G01Grease of Heavy-loading

Features:

1. Excellent wear and pressure resistance under heavy load condition
2. Low friction in low temperatures
3. Water resistant
4. Available for central lubrication system

Basic Properties :

Color		Light yellow
Base Oil		Mineral oil
Consistency Enhancer		Polyurea
Additive		Solid lubricant
Service Temperature (℃)		-15~115
NLGI-grade (0.1mm)		310-340
Viscosity (cst)	40℃	500
	100℃	30
Drop Point (℃)		> 170

HIWIN G02 Grease of Low Particle-emitting

Features:

1. Low particle emitting rate and suitable for clean room environment
2. Wear resistant
3. For long term usage and wide temperature range
4. Consisting of synthetic hydrocarbon oil and special calcium soap, also resistant to oxidation and corrosion

Basic Properties:

Color		Beige
Base Oil		Synthetic hydrocarbon oil
Consistency Enhancer		Special calcium soap
Service Temperature(℃)		-30~140
NLGI-grade (0.1mm)		265-295
Viscosity (cst)	40℃	100
	100℃	15
Drop Point (℃)		> 180

HIWIN G03 Grease of Low Particle-emitting (High Speed)

Features:

1. Low particle emitting rate and suitable for clean room environment
2. Wear resistant
3. For long term usage and wear resistance under high speed condition

Basic Properties:

Color		Beige
Base Oil		Synthetic hydrocarbon oil
Consistency Enhancer		Special calcium soap
Service Temperature (℃)		-45~125
NLGI-grade (0.1mm)		265-295
Viscosity (cst)	40℃	30
	100℃	5.9
Drop Point(℃)		> 210

HIWIN G04 Grease of High Speed

Features:

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

Basic Properties:

Color		Beige
Base Oil		Ester/PAO
Consistency Enhancer		Lithium soap
Service Temperature (℃)		-35~120
NLGI-grade (0.1mm)		260-280
Viscosity (cst)	40℃	25
	100℃	6
Drop Point(℃)		> 225

Grease

HIWIN G05 Grease of General Type

Features:

1. Wear resistance
2. Low friction resistance
3. Long-life
4. Low oxidation tendency
5. Water resistant
6. Corrosion resistant

Basic Properties:

Color		Brown
Base Oil		Mineral
Consistency Enhancer		Lithium Soap
Service Temperature (℃)		-15~120
NLGI-grade (0.1mm)		270-285
Viscosity (cst)	40℃	200
Drop Point(℃)		190

HIWIN G07 Grease for Low Temperature Condition

Features:

1. For low temperature condition: -50℃ to 0℃.
2. Low starting and running torques particularly at low temperatures

Basic Properties:

Color		Beige
Base Oil		Mineral
Consistency Enhancer		Lithium- calcium soap
Service Temperature (℃)		-50~80
NLGI-grade (0.1mm)		310-340
Viscosity (cst)	40℃	14
	100℃	3

HIWIN G06 Grease for High Frequency or Short-stroke Condition

Features:

1. Well wear resistance under high frequency(1.5~3G) or short-stroke condition.
2. Long term grease, suitable for wide temperature range
3. Can be used in plastic/steel and plastic/plastic components, compatible with elastomers and plastic materials

Basic Properties:

Color		Beige
Base Oil		PAO
Consistency Enhancer		Special lithium soap
Service Temperature (℃)		-45~130
NLGI-grade (0.1mm)		265-295
Viscosity (cst)	40℃	32
	100℃	6
Drop Point(℃)		190