



Grease QUA545

Product Data

Product Information

QUA545 is a long-life, high-temperature lubricating grease that uses special organic compounds with good high temperature resistance as thickeners, high-grade synthetic oils as base oils, and a variety of additives through special processes. This product is non-toxic, low-odor, non-irritating, and meets the EU environmental protection ROHS testing certification.

Recommended Applications

1. Lubrication and noise reduction of various micro motors such as high-end electric toys, precision instruments and micro motors for automobiles and household appliances.
2. Life-long lubrication of the axis of the electronic precision mechanism and the center hole of the gear, the spindle of the laser head in the optical disc movement, the axis of the cooling fan, and the micro-bearing in the low temperature environment.
3. Lifetime lubrication of electronic precision mechanism, shaft, track, bearing and gear in low temperature environment.
4. Lubrication and noise reduction of precision parts such as optical focusing system.
5. Operating temperature range: $-40^{\circ}\text{C} \sim 180^{\circ}\text{C}$.

Product advantages

1. Excellent mechanical stability, can maintain good structural characteristics of grease under the action of shearing force.
2. Excellent low temperature starting torque and running torque, excellent noise reduction performance.
3. Excellent high temperature oxidation resistance, low evaporation loss and no carbon residue.
4. Good compatibility with metal, most plastic and rubber sealing materials.

CHARACTERISTICS

NLGI	ASTM D217	1
Penetration at 25°C, (0,1mm)	ASTM D 217	310-340
Drop point (°C)	ASTM D2265	>260
Copper corrosion (100°C, 24h)	ASTM D4048	PASS
Evaporation Loss (202°C, 22h)	ASTM D972	<0.8%

This data is for reference only.