

RDC-1 Reducer Grease

Product Features

The base oil is thickened and refined with advanced thickener and refined with antioxidant, extreme pressure agent and multi-effective additives to meet the long-term use and lifelong lubrication of the speed reducer under local high temperature, so that the speed reducer still has a good service life under the action of heavy load and high speed.

Benefits

- Good structural stability under heavy load and high speed.
- Excellent oxidative stability and thermal stability, effectively prolonging the service life of the grease.
- Long-term storage will not lead to oil-soap separation, effectively guarantee the lubrication function.
- Excellent water scouring resistance, rust and corrosion resistance, long service life.
- Good starting torque at low temperature to meet the requirements of wide temperature conditions.

Typical Data

Property	Value	Test Method
NLGI Grade	1	ASTM D217
Appearance	Yellow uniform grease	ASTM D156
Working Penetration@25°C, 0.1mm	320	ASTM D217
Dropping point@°C	230	ASTM D2265
Corrosion@T2 copper sheet, 100°C, 24h	Pass	ASTM D4048
Evaporation loss @99°C, 22h, Wt.%	<2.0	ASTM D972
Low temperature torque @ -40°C, starting torque, mN·m	64	ASTM D1478
Low temperature torque @ -40°C, running torque, mN·m	29	ASTM D1478

Typical data is an average value and is for reference only, and the specific value may vary due to each test condition or customer requirements.

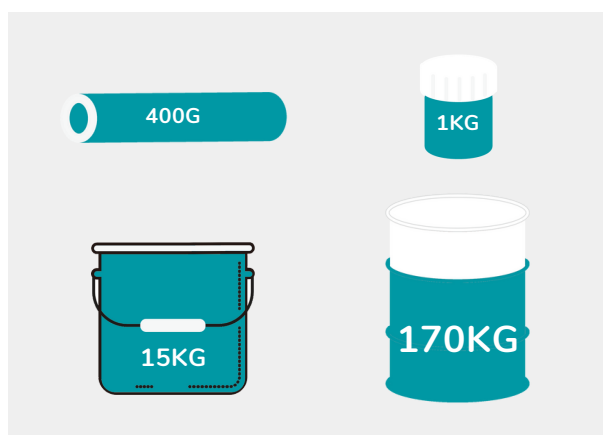
Applications

- Suitable for the lubrication of planetary reduction gears and gear sets with straight and helical tooth structure.
- Suitable for products under $\Phi 90\text{mm}$.
- Operating temperature range: $-40 \sim 200^{\circ}\text{C}$

Product Storage

- Store indoors or under shelter to avoid intrusion of rain or humid air; outdoor storage is prohibited.
- Prevent erosion of the outer label of the package. When the outer label is damaged and the product name cannot be confirmed, it is not recommended to continue to use it.
- Products should not be stored at temperatures above 60°C or in severe cold, and should not be exposed to strong light.
- Store unopened in a cool environment below 20°C . The shelf life is 60 months from the date of manufacture.

Packaging Specifications



Usage Restrictions

- The product is harmless to health and safety when used correctly, and will not cause adverse effects when used, refilled and discarded in accordance with industry and hygienic standards in a correct and reasonable manner.
- Care should be taken that used products contain potentially harmful contaminants and prolonged or repeated skin contact with used oils of any type and form must be avoided.
- This product has not been tested or stated to be suitable for medical or pharmaceutical use.

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**"LUBRICATION PROTECTION
UNDER HARSH CONDITIONS"**