

WGR - 000# Reducer Grease

Product Features

It is made of high quality high temperature organic thickener, compound molecular surface modifier and thickened synthetic oil. The product is designed for medium to heavy duty worm gearboxes and has excellent extreme pressure properties. Compared to ferrous and non-ferrous metals and conventional sealing materials commonly used in gear systems, it shows complete compatibility and ensures optimum working results.

Benefits

- Superior sealing and leak-proofing properties using a variety of synthetic oils and unique organic thickeners.
- Strong oil film strength, forming a unique lubricant molecule protection film, prolonging the maintenance cycle.
- Effectively reduce noise, improve the safety and reliability of equipment operation.
- Good filling and repairing effect, through the solid lubricating particles stored in the micro-pitted grooves and pitting pits, can repair the old equipment.

Typical Data

Property	Value	Test Method
NLGI Grade	000	ASTM D217
Appearance	Milky white semi-fluid ointment	Visual
Working Penetration@25°C, 0.1mm	460	ASTM D217
Dropping point@°C	230	ASTM D2265
Corrosion@T2 copper sheet, 100°C, 24h	Pass	ASTM D4048
Oxidation stability @99°C/100hrs, pressure drop kPa	10	ASTM D942
Grinding spot diameter@4-ball machine method, mm	0.5max	ASTM D2266
Welding point (PD), N	500	ASTM D2596

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.

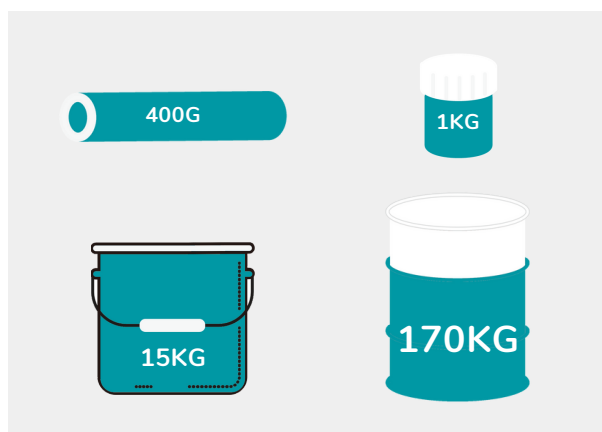
Applications

- It is suitable for all kinds of worm gear devices, small and medium-sized gear reducers, small open gears, etc. It is especially suitable for situations where lubrication and sealing are difficult to be achieved with ordinary lithium grease, mineral oil or synthetic oil.
- Suitable for lubrication of enclosed full-life gearboxes and gears of oil bath splash type reduction gears.
- Suitable for the lubrication of various medium load gears or bronze-free worm gears.
- Operating temperature range: -25 ~ 160°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"**