

## Rewitec Coating Grease Surface Treatment for Bearings

### PRODUCT DESCRIPTION

Rewitec Coating Grease is a non-soap polyurea grease for surface treatment with the effective Rewitec ceramic coating technology. It is formulated with high quality raw materials offering a dropping point of over 550°F (290°C). It performs in areas where heavy loads, shocks, and wear is a major concern. The physical properties of Rewitec Coating Grease make it a superb for extending life of bearings.

### THE COATING TAKES PLACE BETWEEN 50 AND 300 OPERATING HOURS DEPENDING ON LOAD, TEMPERATURE, SPEED, AND AMOUNT OF GREASE

Rewitec Coating Grease can be applied to journal bearings or roller bearings as first fill in a new bearing or on an used clean bearing. In roller bearings fill the internal space and turn the bearing twice to either side to take out the excess of grease. Install and operate for several days. Relubricate manually as needed with just little amounts of grease at a time. For used bearings that are installed and can not be clean from the grease in use, we recommend to lubricate in operation, small amounts of grease at a time to slowly replace the previous grease and to avoid also any incompatibility issue, for example every hour a couple of grease pump shots per bearing. Rewitec grease was tested to be compatible with most metallic thickeners found in the market. Use caution anyway in the application and assign the needed time for coating with Rewitec. Follow also the instructions and practical tips from practitioners and bearing manufacturers for switching greases. Please call our Tech Service for customized instructions for applying this grease at 678 806 0131.

### TYPICAL SPECIFICATIONS

NLGI Grade.....	2
Thickener Type .....	Polyurea
Color .....	Dark Gray
Appearance.....	Smooth
Penetration, Worked 60 Strokes, ASTM D 217 .....	265 - 295
Water Washout, % Loss, ASTM D 1264 .....	2.0
Dropping Point, °F (°C) Min., ASTM D 2265.....	550 (290)
Copper Corrosion, Rating, ASTM D 4048.....	1b
Oil Separation, % Loss, ASTM D 1742.....	0.3
Four Ball EP. Weld Point, Min, ASTM D 2596 .....	300
Rust Prevention, ASTM D 1743 .....	Pass
Timken OK Load, lbs Min, ASTM D 2509 .....	40
Base Fluid Properties:	
Viscosity @ 40°C, cSt.....	180
Viscosity Index.....	96

Packaging: 14 oz cartridges (400 Gram.) to apply with manual pump.