



## **CHALLOILS LITHIUM GREASE NLGI 00**

*Fats of general use*

### **Product Description:**

**LITHIUM GREASE NLGI 00** is a high-performance lithium grease, formulated for high protection against wear, rust and water washout.

### **Application:**

This fat is particularly suitable for the lubrication of gears and bearings in poorly sealed gear cases recommended for many industrial applications. Main impiego on machinery of any type in which a grease lubrication is required in the presence of high loads, (EP) impact or vibration (earth moving machines, machine tools and textiles, pumps, electric motors, etc.). They can also be used for the lubrication of pins, joints, articulated joints, rails, racks, etc. The operating temperatures may vary from -25 ° C to + 130 ° C.

### **Features and Benefits:**

- Universality of use
- A long operating life.
- Excellent mechanical stability.
- Excellent lubricating properties.
- Good rust protection.
- Good water resistance.

### **Typical properties:**

#### **LITHIUM GREASE NLGI 00**

Thickener	Lithium
Consistency NLGI	00
Appearance	Smooth-textured
Color	Amber
Poit Drop, °C, ASTM D-556	>185
Worked Penetration, 60 colpi a 25°C, dmm, ISO 2137	400
Corrosion Test, ASTM D-1743	Pass
Oxidation stability (100 h at 100°C), Kg/cm <sup>2</sup> , ASTM D-942	<0,5
Washout resistance (1 h at 79°C), %, ASTM D-1264	5
Classification DIN, DIN-51502	K1K-30

### **Health and Safety:**

The data related to health, safety and environmental protection are provided in the material safety data sheets.

*The above figures are those relating to normal manufacturing tolerances and do not constitute a specification.*

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