

## **ROTHEN CARTER GL 00**

### **Synthetic Semi-Fluid Grease for Auto Leveling Gearboxes**

#### **DESCRIPTION**

**ROTHEN CARTER GL 00** is a self-leveling grease constituted by synthetic fluids carefully selected with lithium hydroxystearate thickening grease in order to achieve higher quality. It was specifically designed to solve problems in the "long life" lubrication of enclosed carter gear's small and medium power reducers.

#### **APPLICATIONS**

**ROTHEN CARTER GL 00** is especially recommended in case of kinematic coupling of the unending screw type, in which it may significantly reduce the coefficient of friction between the steel screw and the helicoidal bronze wheel.

In combination with its excellent lubricating properties, **ROTHEN CARTER GL 00** exerts an effective protection of all the metal surfaces in the concerned systems, resisting unaltered for long periods of time due to its exceptional ability to resist the typical extended high temperature exposure's oxidation phenomena.

#### **TYPICAL CHEMICAL – PHYSICAL CHARACTERISTICS**

**Color:** Light Amber  
**Appearance:** Mass pseudo plastic  
**Recommended temperature range:** MIN. = -30 ° C MAX. = +120 ° C

<b>FEATURE</b>	<b>UNIT OF MEASURE</b>	<b>METHOD</b>	<b>OUTCOME</b>
NLGI Classification	---	ASTM D 217	00
Dripping point	°C	ASTM D 566	> 160
Manipulated Penetration 60 c. at 25°C	1/10mm	ASTM D 217	400 - 430
Heavy Loads Resistance	---	FZG A16,6/140	> 12° stadio
Base Oil	---	---	Sintetico

(\*):These values are based on typical production, and may consequently vary.