

# GRASA COMPLEX SYNT



## Greases

### Description

Grasa Complex Synt is a grease formulated with PAO-based synthetic oils and a lithium complex soap-based thickener.

The type of thickener and additives used give it extraordinary corrosion-resistant, oxidation-resistant and antiwear characteristics. It also has excellent mechanical stability, adhesiveness and water-resistance.

### Properties

- Recommended grease for lubricating bearings in electric engines and fans at medium or medium-high speeds and high temperatures.
- The use of a synthetic base gives it outstanding low-temperature pumpability and a very low starting and running torque, as well as a low pour point, giving excellent performance in cold conditions.
- Suitable for lifelong lubrication of elements.
- Field of application from -50 °C to 150 °C, to 200 °C during peaks working periods.

### Quality levels

- DIN 51825 KPEHC 2/3N-40

### Technical specifications

	UNIT	METHOD	VALUE
Colour		VISUAL	Yellow
Consistency		NLGI	2/3
Type of thickener			Lithium complex soap
Base oil, viscosity at 40 °C	mm <sup>2</sup> /s	ASTM D 445	85
Penetration, 60 strokes worked	1/10 mm	ASTM D 217	280
Dropping point	°C	METTLER FP-83HT	288
Flow pressure at -50 °C	mb	DIN 51805	1150
Oxidation Stability, 100 h	psi	ASTM-942	3
Four-ball machine:			
Wear (1 min/80 Kg)	∅,mm	IP 239	0.45
Soldering load	Kg	IP 239	270
FAG FE9	h	DIN 51821-2/A/1500/6000-150, F50	>100
Life performance a 160 °C	h	ASTM D-3527	140

The above mentioned characteristics are typical values and should not be considered product specifications.

A safety data sheet is available on request.

repsol.com  
+34 901 111 999

Technical data sheet for Lubricants. Revision 4. December 2017.