



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, approvals and recommendations

• DIN DIN: 51825 KPEHC 2/3N-50

• THYSENKRUPP greases*

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
Consistency	NLGI		2/3
Colour	-	Visual	Yellow
Type of thickener			Complex lithium
Base oil viscosity at 40 °C	cSt	ASTM D445	85
4 Ball EP, welding load	kg	IP 239	270
4 Ball wear, print diameter (1 min/80 kg)	mm	IP 239	0.45
Dropping point	°C	METTLER FP-83HT	288
FAG FE-9, (A/1500/6000-150, F50)	h		>100
Fluidity pressure at -50°C	mbar	DIN 51805	1150
Life Performance (160 °C)	h	ASTM D3527	140
Oxidation stability (100 h, 100 °C)	PSI	ASTM D942	3
Penetration, 25 °C, 60 strikes worked	1/10 mm	ASTM D217	280

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