

# GRASA COMPLEX THERM



## Greases

### Description

High quality grease formulated with highly refined mineral oil, thickened with a lithium soap complex and solid additives. Contains antioxidant, anticorrosive, antiwear and extreme pressure additives.

### Properties

- Grease with excellent antifriction and antiwear properties, highly water-resistant and with outstanding mechanical stability for high temperature applications
- Lubricant grease for all types of bearings, bushings and mechanisms in general subjected to very heavy loads at slow speeds and oscillating motion, used in earth-moving, civil engineering, mining, quarries, agriculture, etc.
- Suitable for use in the paper and steel industries
- Field of application from -10 °C to 160 °C.

### Quality levels

- DIN 51825 KPF 2P-10

### Technical specifications

	UNIT	METHOD	VALUE
Colour		Visual	Black
Solid content	%		1
Consistency		NLGI	2
Type of soap			Complex lithium
Base oil, viscosity at 40 °C	mm <sup>2</sup> /s	ASTM D 445	680
Base oil, flashpoint	°C	ASTM D 92	312
Penetration, 25 °C			
- 60 strokes worked	1/10 mm	ASTM D 217	273
- 100,000 strokes worked	1/10 mm	ASTM D 217	247
- 100,000 strokes worked with 10% water	1/10 mm	ASTM D 217	253
Dropping point	°C	METTLER FP-83HT	260
Copper corrosion, 24 h at 100 °C		ASTM D 4048	1a
Shell Roll Test stability, 100 h, 66 °C	Points	INTA 15074 6B	18
Oxidation stability	Kg/cm <sup>2</sup>	ASTM D 942	0.15
Four-ball machine:			
Wear (1 min/80 Kg)	∅,mm	IP 239	0.30
Wear (1 h/40 Kg/75 °C)	∅,mm	IP 239	0.40
Welding load	Kg	IP 239	480

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  
lubricantes@repsol.com

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