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Bearing EP Grease

NLGI 00

Multipurpose grease thickened with a lithium soap. It possesses good EP, anti-wear, anti-oxidative, anti-corrosion properties and mechanical resistance.
Suitable for several uses in earth moving, agricultural and industrial sectors.

PAKELO BEARING EP GREASE NLGI 00 is a multipurpose grease thickened with lithium soap. Manufacturing process and particular additives confer to the product superior properties if compared to common lithium based greases.

It is formulated with highly solvent refined mineral base oils and special Extreme Pressure (EP), anti-wear, anti-oxidative, anti-rust and anti-corrosion additives.

PAKELO BEARING EP GREASE NLGI 00 shows the following properties:

- excellent anti-wear and Extreme Pressure performance;
- good shear stability even under high mechanical stress;
- good lubricating properties;
- excellent protection against oxidation, rust and corrosion;
- good resistance to hot and cold water washout;
- good pumpability also in centralized lubrication systems requiring NLGI 00 consistency greases.

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Bearing EP Grease

NLGI 00

Application fields

PAKELO BEARING EP GREASE NLGI 00 is a multipurpose grease suitable for several uses in automotive, earth moving, agricultural and industrial sectors (in particular heavy duty equipment lubrication in steel, iron and mining industries).

PAKELO BEARING EP GREASE NLGI 00, thanks to its high mechanical stability and excellent EP properties, is particularly recommended for every kind of rolling and plain bearings and also for heavy-loaded bearings subject to vibrations. It can be used with presence of warm environment in case of not very high working temperatures.

The easy pumpability allows the use the product in centralized lubrication systems requiring NLGI 00 consistency greases.

Chemical-Physical Characteristics

Bearing EP Grease	Method analysis	Unit measure	Value NLGI 00
Colour	-	-	brown
Appearance	-	-	semi-fluid
Thickener	-	-	lithium
NLGI grade	ASTM D217	-	00
Worked Penetration 60 strokes at 25°C	ASTM D217	0,1 mm	415
Worked Penetration 10.000 strokes at 25°C	ASTM D217	0,1 mm	415 (+/-10)
Dropping Point	ASTM D566	°C	170
Copper Corrosion Test (24 hours at 80°C)	ASTM D4048	rating	1b
Recommended Working Temperatures	-	°C	-30 / +130

The data just above refer to average values and must not be understood as guaranteed characteristics.

This Technical Data Sheet has been carefully checked to guarantee complete and precise information. However, we do not take any responsibility in case of damages caused by any mistakes or omissions. Due to continual product research and development, the information contained herein is subject to change without notification.

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