

GEARMASTER LXG 00

Synthetic oil-based, semi-fluid gear grease

Performance Features

- temperature range: -40 / +160 °C
- good EP properties
- excellent wear protection
- high thermal stability
- excellent lubricity
- good work stability
- reliable corrosion protection
- excellent cold flowing properties
- good water resistance



gears



centralized
lubrication
systems



low
temperatures



utility vehicles



corrosion
protection

Description

GEARMASTER LXG 00 is a semi-fluid, heavy metal-free gear grease based on a very lubrication-efficient synthetic base oil and a lithium complex soap as thickener. Besides this, GEARMASTER LXG 00 contains additives to improve ageing stability, wear protection and load bearing capacity.

Field of application

GEARMASTER LXG 00 is used for high-performance gearboxes. The product is compatible with seals and does not affect yellow metals and aluminium. It is suitable for the use in central lubrication systems of commercial vehicles and as a sealing grease in shock absorbers.

Method of application

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Gearboxes can be filled with GEARMMASTER LXG 00 manually or by central filling systems. Please observe the manufacturers' recommendations concerning filling capacities.

Technical Data: GEARMMASTER LXG 00

<u>Characteristics</u>	<u>Value</u>	<u>Unit</u>	<u>Test Method</u>
Reference	GPHC00P-40		DIN 51502
Colour	yellow		
Temperature range	-40 / +160	° C	DIN 51825
Base oil	syn		
Thickener	Li-X		
Base oil viscosity [40 °C]	180	mm ² /s	DIN 51562-1
NLGI grade	00		DIN 51818
Dropping point	220	° C	DIN ISO 2176
Water resistance	1-90	rating	DIN 51807-1
Flow pressure [-40 °C]	80	hPa	DIN 51805
Copper strip test	1-100	rating	DIN 51811
EMCOR [dist. Water]	0/0	rating	DIN 51802
Four Ball Test welding load	2800/3000	N	DIN 51350-4
FZG A/2.8/50 - damage load step	>12		DIN ISO 14635-3
Specific wear	<0,2	mg/kWh	DIN 51354

LLS = LUBRITECH Laboratory Specification

Typical for current production. Variations in these characteristics may occur.

As far as we know this information reflects the current state of knowledge and our research. It cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check their suitability and be satisfied that the output will be satisfactory. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without prior announcement, unless otherwise provided in customer-specific agreements. With the publication of this product information sheet, all previous editions cease to be valid.

We are specialized in developing products for extreme tribological problems in cooperation with end users.

FUCHS LUBRITECH provides service and individual advice. Please contact us!

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