

Product Information

GEARMASTER LXG 00

(before:NOTROPEEN LXG 00)

Description

GEARMASTER LXG 00 is a free-flowing, heavy metal-free gear grease containing a highly lubricate synthetic base oil and a lithium complex soap thickener. In addition, GEARMASTER LXG 00 contains additives to improve oxidation stability, wear protection and EP properties.

Field of application

GEARMASTER LXG 00 is recommended for high performance gear boxes. The product is compatible with seals and does not affect non-ferrous metals and aluminium.

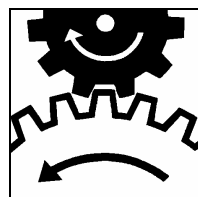
It is suitable for the use in central lubrication systems and as a sealing grease in shock absorbers.

Method of application

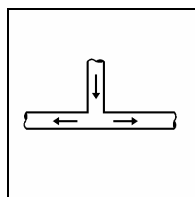
GEARMASTER LXG 00 can be applied manually or by pumping equipment. Please observe the manufacturers' recommendations concerning filling capacities.

Synthetic oil-based, free-flowing gear grease

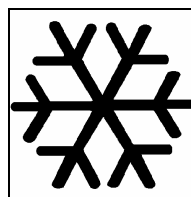
- **temperature range:**
-40 / +160 °C
- **good EP properties**
- **excellent wear protection**
- **high thermal stability**
- **excellent lubricity**
- **good work stability**
- **good corrosion protection**
- **excellent cold flowing properties**
- **good water resistance**



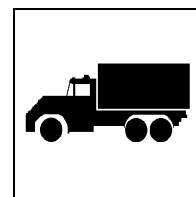
gears



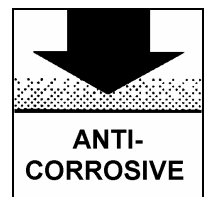
centralized lubrication systems



low temperatures



utility vehicles



ANTI-CORROSIVE

anticorrosive

Technical Data

GEARMASTER LXG 00

Characteristics	Value	Unit	Test
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	value step	DIN 51807-1
Flow pressure [-40 °C]	80	hPa	DIN 51805
Copper strip test	1-100	Corr.-step	DIN 51811
EMCOR [dest. water]	0/0	Corr.-step	DIN 51802
Four Ball Test welding load	2800/3000	N	DIN 51350-4
FZG A/2,76/50 - damage load step	>12		DIN 51354 [LLS]
Specific wear	<0,2	mg/kWh	DIN 51354

LLS = LUBRITECH LABORATORY SPECIFICATION

Package size: on request

As far as we know these information reflect the current state of knowledge and our research. They 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 are continually being up-dated. We reserve the right, therefore, to alter the information of this product information at any time and without prior announcement.

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!