

## RENOLIT LX P 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

RENOLIT LX P 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, RENOLIT LX P 00 contains additives to improve ageing stability, wear protection and load bearing capacity.

#### Field of application

RENOLIT LX P 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.

# Product Information

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## Method of application

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

## Technical Data: RENOLIT LX P 00

<u>Characteristics</u>	<u>Value</u>	<u>Unit</u>	<u>Test Method</u>
Reference	GPHC00P-40		DIN 51502
Color	yellow		
Temperature range	-40 / +160	° C	DIN 51825
Base oil	syn		
Thickener	Li-X		
Base oil viscosity [40°C]	180	mm <sup>2</sup> /s	DIN 53000-1
NLGI grade	00		DIN 51818
Dropping point	<250	° C	IP 396
Water resistance	1-90	rating	DIN 51807-1
Flow pressure [-40 °C]	150	hPa	DIN 51805
Copper strip test	1-100	rating	DIN 51811
EMCOR [dist. Water]	0/0	rating	DIN 51802
Four Ball Test welding load	3,000/3,200	N	DIN 51350-4
FZG A/2.8/50 - damage load step	>12		DIN ISO 14635-3 [LV]
Specific wear	<0.2	mg/kWh	

LV = 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. Please be aware that our products must not be used for applications in nuclear primary circuits or on-board aerospace systems. 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 LUBRICANTS GERMANY provides service and individual advice. Please contact us!

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