

STRUCTOVIS P LIQUID

Fluid gear grease



Description

STRUCTOVIS P LIQUID is a fluid grease based on polyglycol for the long-term lubrication of gears in a wide service temperature range.

Application

STRUCTOVIS P LIQUID is suitable for use in small spur, bevel and worm gears with steel/steel material combinations.

STRUCTOVIS P LIQUID can also be used for the lubrication of ball and roller guides, denture clutches and lube points requiring fluid greases.

Application notes

STRUCTOVIS P LIQUID is used for immersion lubrication with peripheral speeds up to approx. 10 m/s.

STRUCTOVIS P LIQUID can be applied by means of brush, spatula or other suitable metering systems.

Compatibility of STRUCTOVIS P LIQUID with lubricating greases based on other thickeners and base oils has to be checked.

Minimum shelf life

The minimum shelf life is approx. 24 months if the product is stored in its unopened original container in a dry, frost-free place.

Pack sizes

1 kg can
25 kg bucket

STRUCTOVIS P LIQUID

- Synthetic fluid grease for the long-term lubrication of gears
- Wide service temperature range
- Good wear protection
- Suitable for immersion lubrication up to 10 m/s

Product data

Base oil	polyalkylene glycol
Thickener	lithium soap
Service temperature range*, [°C]	-35 to 130°C
Color	green-light brown
Texture	homogeneous
Consistency, DIN 51818, NLGI	< 000
Apparent dynamic viscosity, Klüber viscosity grade**	L
Base oil viscosity, DIN 51 562-01 at 40 °C, [mm ² /s] at 100 °C, [mm ² /s]	360 58
Four ball tester, VKA, welding load, DIN 51350-04, [N]	> 4000

* * Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic viscosity or viscosity depending on the mechano-dynamical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component..

** Klüber viscosity grades: EL = extra light lubricating grease; L = light lubricating grease; M = medium lubricating grease; S = heavy lubricating grease; ES = extra heavy lubricating grease

The data in this product information is based on our general experience and knowledge at the time of printing and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



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