

STRUCTOVIS P LIQUID

Fluid gear grease



Benefits for your application

- 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 peripheral speed

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.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	STRUCTOVIS P LIQUID
Can 1 kg	+
Bucket 25 kg	+

Product data	STRUCTOVIS P LIQUID
Article number	027027
Chemical composition, type of oil	PAG
Chemical composition, thickener	lithium soap
Upper service temperature	130 °C / 266 °F
Lower service temperature	-35 °C / -31 °F
Colour space	green
Texture	homogeneous
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 360 mm ² /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 58 mm ² /s
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ ; equipment:rotational viscometer	approx. 2 000 mPas
Four-ball tester, welding load, DIN 51350 pt. 04	>= 4 000 N
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 months



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Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

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The data in this document is based on our general experience and knowledge at the time of publication 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 field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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