

# SYNTHESIN PDL 250 01

Low-temperature grease for electrical contacts



## Benefits for your application

- Suitable for very low temperatures
- Good corrosion protection

## Description

SYNTHESIN PDL 250/01 is fully synthetic grease for the lubrication of electrical contacts. It can be used for all conventional contact materials.

blank surfaces by means of brush, pad-printing or other automatic metering systems. Owing to the many different elastomer and plastic compositions their compatibility with SYNTHESIN PDL 250/01 has to be checked.

## Application

SYNTHESIN PDL 250/01 is especially suitable for electrical contacts subject to low temperatures and low contact forces, e.g. commutators of miniature electric motors.

## Material safety data sheets

Material safety data sheets can be requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

## Application notes

Remove anticorrosion oils, waxes and other foreign matters from the parts to be lubricated to ensure maximum performance of SYNTHESIN PDL 250/01. Apply lubricant to the metallicly

Pack sizes	SYNTHESIN PDL 250/01
Can 1 kg	+
Bucket 25 kg	+

Product data	SYNTHESIN PDL 250/01
Article number	091017
Chemical composition, type of oil	ester oil
Chemical composition, thickener	lithium soap
Lower service temperature	-60 °C / -76 °F
Upper service temperature	125 °C / 257 °F
Texture	short-fibred
Colour space	beige
Texture	homogeneous
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 11.5 mm <sup>2</sup> /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 3.4 mm <sup>2</sup> /s
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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