

# NONTROP PLB EL

Special lubricant for the food-processing industry



## Your benefits at a glance

- Reliable operation also at low temperatures due to soft consistency and low base oil viscosity
- Neutral in odour and taste

## Your requirements - our solution

NONTROP PLB EL is a dynamically light special grease for all lubrication points where smooth running is desired or higher speeds occur.

As the product is neutral in odour and taste, it has proven successful in food and beverage applications where NSF H1 registration is not required.

## Application

Because of its soft consistency, NONTROP PLB EL is preferably used for the lubrication of plain bearings, sealed rolling bearings as well as for small, grease-lubricated gears.

## Application notes

Carefully clean and degrease the friction points prior to lubrication. Then apply a thin and uniform layer of NONTROP PLB EL to the friction/lubrication point by means of brush, spatula or metering system.

## 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.

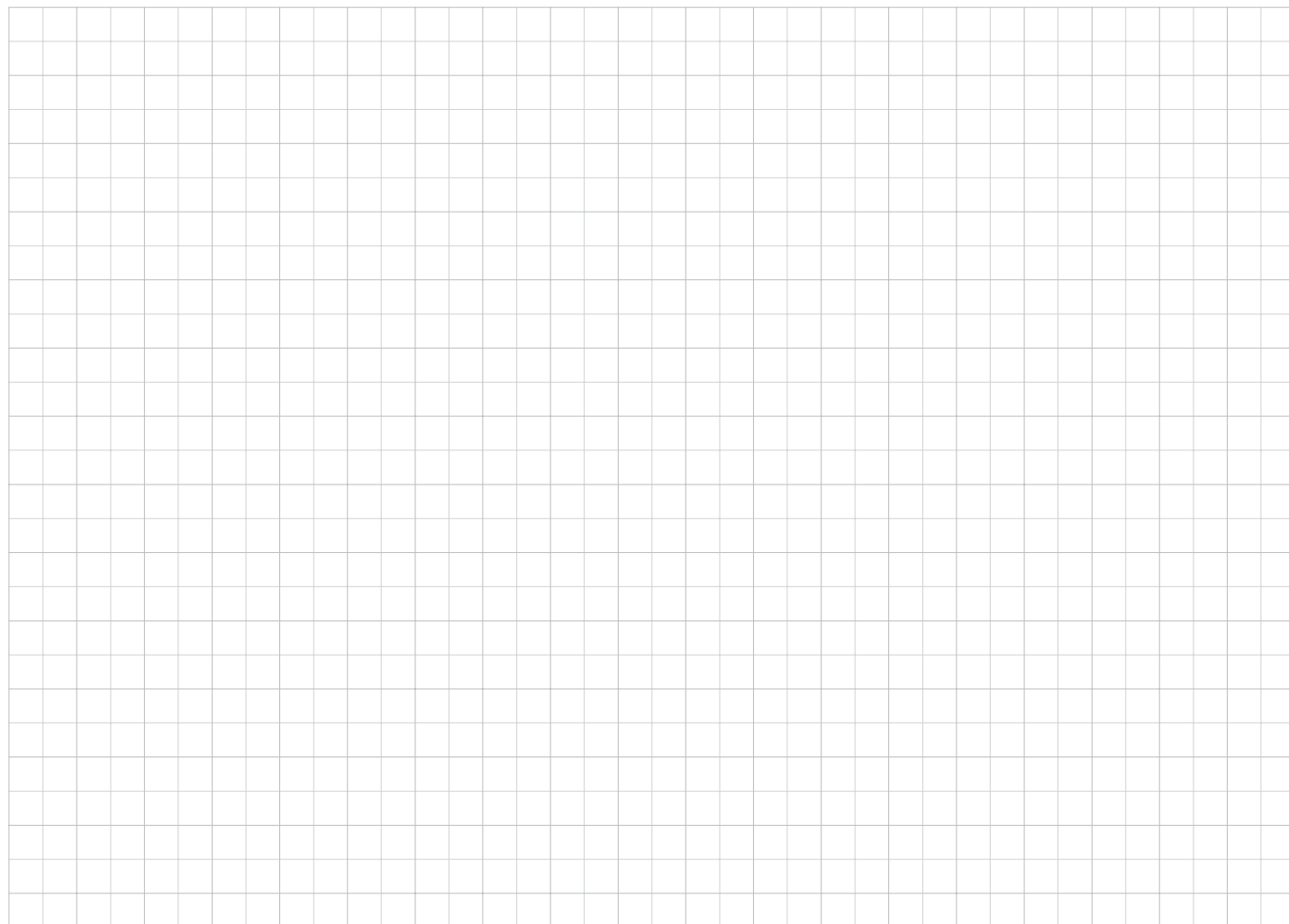
Pack sizes	NONTROP PLB EL
Tube 50 g	+
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+

Product data	NONTROP PLB EL
Article number	001039
Appearance	almost transparent
Colour space	yellow
Chemical composition, type of oil	paraffinic mineral oil
Chemical composition, solid lubricant	silicate
Texture	homogeneous
Texture	short-fibred
Density at 20 °C	approx. 0.91 g/cm <sup>3</sup>
Drop point, DIN ISO 2176, IP 396	>= 250 °C
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 7.7 mm <sup>2</sup> /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 70 mm <sup>2</sup> /s
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	330 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	370 x 0.1 mm
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	12 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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