

PARALIQ P 68, P 100, P 150, P 460, P 1500

Lubricating oils for the food-processing and pharmaceutical industries



Benefits for your application

- **NSF H1-registered supporting process reliability**
- **Wide range of viscosities available allowing the optimum viscosity selection for each application on site, a promoter of reliability and output**
- **ISO 21469-certified – supports the compliance with the hygienic requirements in your production. You will find further information about ISO Standard 21469 on our website www.klueber.com.**

Description

PARALIQ P 68, P 100, P 150, P 460 and P 1500 are lubricating oils based on medically pure oils in accordance with European pharmacopeia (medical white oil). These oils are NSF H1 registered and therefore comply with FDA 21 CFR § 178.3570. The lubricants were developed for incidental contact with products and packaging materials in the food-processing, cosmetics, pharmaceutical or animal feed industries. The use of PARALIQ P 68, P 100, P 150, P 460 and P 1500 can contribute to increase reliability of your production processes. We nevertheless recommend conducting an additional risk analysis, e.g. HACCP.

Application

For all oil-lubricated friction points in the food-processing and pharmaceutical industries, e.g. gears, bearings, chains, spindles, joints.

- PARALIQ P 68 is also suitable for deep-drawing of aluminium foils
- PARALIQ P 1500 can also be used for the lubrication of lifting, drive and conveyor chains.

Application notes

- The oils can be applied by means of brush, oil feeder or automatic lubrication systems
- When applied in automatic lubrication systems please observe the maximum viscosity specified by the machine manufacturer
- For chain lubrication, PARALIQ P 1500 can be dispersed with approx. 50 % special boiling point gasoline, e.g. 80/110.

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	PARALIQ P 68	PARALIQ P 100	PARALIQ P 150	PARALIQ P 460	PARALIQ P 1500
Canister 20 l	+	+	+	+	+
Drum 200 l	+	+	+	+	-



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Product data	PARALIQ P 68	PARALIQ P 100	Paraliq P 150	PARALIQ P 460	PARALIQ P 1500
Article number	029001	029002	029003	029004	029007
NSF-H1 registration	056 378	056 373	056 375	056 377	056 376
Chemical composition, type of oil	paraffinic mineral oil	paraffinic mineral oil	paraffinic mineral oil	paraffinic mineral oil	paraffinic mineral oil
Lower service temperature	-10 °C / 14 °F	-15 °C / 5 °F	-15 °C / 5 °F	-15 °C / 5 °F	-10 °C / 14 °F
Upper service temperature	100 °C / 212 °F	100 °C / 212 °F	100 °C / 212 °F	100 °C / 212 °F	100 °C / 212 °F
Colour space	colourless	colourless	colourless	yellow	yellow
Density, DIN 51757, 20 °C	approx. 0.87 g/cm ³	approx. 0.88 g/cm ³	approx. 0.88 g/cm ³	approx. 0.88 g/cm ³	approx. 0.88 g/cm ³
ISO viscosity grade, DIN ISO 3448	68	100	150	460	1 500
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 months	60 months	60 months	60 months	60 months

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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