

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

Lubricating oils for the food-processing and pharmaceutical industries



Your benefits at a glance

- 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.

Your requirements - our solution

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 |
|---------------|--------------|---------------|---------------|---------------|
| Canister 1 l | + | | + | |
| Canister 20 l | + | + | + | + |
| Drum 200 l | + | + | + | + |

| Pack sizes | PARALIQ P 1500 |
|---------------|----------------|
| Canister 1 l | |
| Canister 20 l | + |

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| Pack sizes | PARALIQ P 1500 |
|------------|----------------|
|------------|----------------|

Drum 200 l

| Characteristics | PARALIQ P 68 | PARALIQ P 100 | PARALIQ P 150 | PARALIQ P 460 |
|--|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Article number | 029001 | 029002 | 029003 | 029004 |
| Composition, type of oil | paraffinic mineral oil | paraffinic mineral oil | paraffinic mineral oil | paraffinic mineral oil |
| Colour space | colourless | colourless | colourless | yellow |
| Service temperature, lower limit | -10 °C | -15 °C | -15 °C | -15 °C |
| Service temperature, upper limit | 100 °C | 100 °C | 100 °C | 100 °C |
| NSF H1 registration number | 056378 | 056373 | 056375 | 056377 |
| 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 |
| ISO viscosity grade, DIN ISO 3448, ISO VG | 68 | 100 | 150 | 460 |
| Kinematic viscosity, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C | | | approx. 150 mm ² /s | |
| 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 |

| Characteristics | PARALIQ P 1500 |
|--|--------------------------------|
| Article number | 029007 |
| Composition, type of oil | paraffinic mineral oil |
| Colour space | yellow |
| Service temperature, lower limit | -10 °C |
| Service temperature, upper limit | 100 °C |
| NSF H1 registration number | 056376 |
| Density, DIN 51757, 20°C | approx. 0.88 g/cm ³ |
| ISO viscosity grade, DIN ISO 3448, ISO VG | 1500 |
| Kinematic viscosity, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C | |
| Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. | 60 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 90 years.

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