

PARALIQ 91

Synthetic lubricating oil for use in the food and pharmaceutical industries



Your benefits at a glance

- Neutral in taste and odour
- NSF H1 and NSF 3H registered supporting process reliability
- ISO 21469 certified - supports the compliance with the hygienic requirements in your production plant. You will find further information on ISO Standard 21469 on our website www.klueber.com

Your requirements - our solution

PARALIQ 91 is a food-grade lubricating oil based on a synthetic ester oil which has been developed as release agent for tins, moulds, cutting boards and other solid surfaces in contact with foodstuffs. PARALIQ 91 is neutral in odour and taste.

PARALIQ 91 is NSF H1 registered and therefore complies with FDA 21 CFR § 178.3570. The lubricant was developed for incidental contact with products and packaging materials in the food-processing, cosmetics, pharmaceutical or animal feed industries. The use of PARALIQ 91 can contribute to increase reliability of your production processes. We nevertheless recommend conducting an additional risk analysis, e.g. HACCP.

PARALIQ 91 is also registered as NSF 3H. Being compliant with FDA CFR 21 § 178.3910 (a), the product can be used as a surface lubricant for the production of metal articles, e.g. for food packaging.

Application

PARALIQ 91 is used as release agent for baking tins and moulds in the food-processing industry.

The lubricant can also be used as high-performance needle and sinker oil in textile machines as well as for deep-drawing or bending of packages for the pharmaceutical and food-processing industries.

This special oil is tried-and-tested as release agent for moulds in blister machines used for the deep-drawing of film (bottom film).

Application notes

PARALIQ 91 can be applied by brush, oil feeder or drip-feed system onto the baking tins and moulds.

Before applying PARALIQ 91 all lubrication points should be cleaned to ensure maximum hygiene conditions.

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 91
Canister 5 l	+
Canister 20 l	+
Drum 200 l	+
Characteristics	PARALIQ 91
Article number	096002

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Characteristics	PARALIQ 91
Composition, type of oil	ester oil
Colour space	yellow
NSF H1, 3H registration number	056380
NSF HT1 registration number	056380
Density, DIN 51757, 20°C	approx. 0.95 g/cm ³
Kinematic viscosity, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 3.6 mm ² /s
Kinematic viscosity, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 14 mm ² /s
Viscosity index, DIN ISO 2909	≥ 120
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. 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 90 years.

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