

PARALIQ GA 343

Multi-purpose grease for incidental food contact

Benefits for your application

- Multi-purpose grease
 - NSF H1 registered
 - Wide service temperature range
 - Protects against corrosion
 - Good water resistance
 - Resistant to many disinfectants and cleaning agents
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Description

PARALIQ GA 343 is a lubricating grease based on paraffinic mineral oil and aluminum complex soap. It meets the German food regulations (LFGB, § 31 sect. 1) and fulfills the requirements set forth in the US Guidelines of sec. 21 CFR § 178.3570 of FDA Regulations. PARALIQ GA 343 is registered as H1 with NSF. It is resistant to water, hot water and many disinfectants and cleaning agents.

Application

PARALIQ GA 343 is used for machines and installations in the food-processing and pharmaceutical industries, especially for applications where incidental contact with the food product cannot be excluded.

This grease is suitable for the lubrication of rolling and plain bearings, lifting cylinders, joints, guide bars, guide rails, cam discs, seals etc.

Application notes

PARALIQ GA 343 is applied by brush, spatula, grease gun or grease cartridge.

To support NSF H1 status the lube points have to be cleaned before applying PARALIQ GA 343 for the first time.

If the production process does not allow cleaning we recommend the previous grease to

be replaced by purging the system during relubrication.

This lubricant is certified as H1, which means that it has been designed and registered for incidental, technically unavoidable food contact. Specific test results referring to pharmaceutical applications are not available for this product (e.g. biocompatibility). Therefore, before using the lubricant adequate risk analyses have to be performed and, if necessary, suitable measures be taken by the manufacturer and user of pharmaceutical installations in order to exclude the risk of health hazards and personal injuries.

Minimum shelf life

The minimum shelf life is approx. 24 months if the product is stored in its unopened original container in a dry, frost-free place.

Pack sizes

- 400 g grease cartridge
- 1 kg can
- 25 kg bucket

Material Safety Data Sheets

Material safety data sheets can be downloaded or requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.



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| Product data | PARALIQ GA 343 |
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| Composition | paraffinic mineral oil and synthetic hydrocarbon, aluminum complex soap |
| Service temperature range*, [°C] | -30 to 120 |
| Colour | light yellow |
| Texture | homogeneous |
| Consistency, NLGI grade, DIN 51818 | 2 |
| Worked penetration at 25 °C, DIN ISO 2137, [0.1mm] | 265 - 295 |
| Drop point, DIN ISO 2176, [°C] | ≥ 220 |
| Flow pressure, DIN 51805 test temperature -30 °C, [mbar], approx. | 1400 |
| Water resistance, DIN 51807, pt. 01, [3h/90 °C] | ≤ 1 - 90 |

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic viscosity or viscosity depending on the mechano-dynamical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.


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