Klüberplex GE 11-680

Adhesive gear lubricant

Benefits for your application

- **Adhesive lubricant**
- **Free of raw materials containing lead or solvents**
- **Resistant to high pressures**
- **FZG scuffing load stage > 12**
- **Anticorrosion properties**
- **Applicable through automatic lubrication systems**

Description

Klüberplex GE 11-680 is an adhesive lubricant with a mineral oil base and an aluminium complex soap thickener. It is resistant to high pressure and contains anti-wear additives, corrosion and oxidation inhibitors. Klüberplex GE 11-680 is free of bitumen, solvents and raw materials containing lead.

Application

Klüberplex GE 11-680 is designed for the lubrication of open and closed spur and bevel gears, lifting spindles, slideways and guideways, large chain drives and sliding bearings. It is particularly suitable for elevated component temperatures and wherever adhesive lubricants containing solid lubricants should not be used.

Application notes

Klüberplex GE 11-680 should preferably be used for the lubrication of tooth flanks. It is applied to the gears through automatic spray systems. Smaller drives are also lubricated through positive drip-feed equipment, by brush or a hand spray equipment (e. g. with the Klübermatic LB spray gun). Splash lubrication is possible for components operating at low circumferential speeds (< 3 m/s).

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	Klüberplex GE 11-680
Can 1 kg	+
Bucket 25 kg	+

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Product data	Klüberplex GE 11-680
Article number	039060
Lower service temperature	0 °C / 32 °F
Upper service temperature	140 °C / 284 °F
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	420 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	380 x 0.1 mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 685 mm^2/s
Copper corrosion, DIN 51811, (lubricating grease), 24h/100°C	1 - 100 corrosion degree
Chemical composition, thickener	aluminium complex soap
Chemical composition, type of oil	mineral oil
Density at 20 °C	approx. 0.94 g/cm^3
Texture	very soft
Colour space	brown
FZG scuffing test, based on DIN ISO 14635, A/2.76/50, change in weight	<= 0.2 mg/kWh
FZG scuffing test, based on DIN ISO 14635, A/2,76/50, scuffing load stage	> 12
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 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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