

Klüberplex® AG 11-462

White operating and priming lubricant for open drives

Benefits for your application

- Less wear due to selected solid lubricants and additives
 - No contamination of machine environment due to use of white solid lubricants
 - Low consumption due to very good adhesion even at low temperatures
 - Good corrosion protection also when exposed to saltwater
 - For gear rim / pinion drives and bearings
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Description

Klüberplex AG 11-462 is a spreadable adhesive lubricant based on mineral oil and an aluminium complex soap thickener, and contains white solid lubricants. Klüberplex AG 11-462 can withstand high loads, offers good corrosion protection and is free from raw materials containing bitumen, solvents or chlorine.

Application

Klüberplex AG 11-462 was developed as a priming lubricant for large open girth gear drives and serves also as a contrast lubricant for checking the drive's load pattern.

Small open drives, slow-running rolling bearings, sliding and guide rails and similar components can also be lubricated and protected by Klüberplex AG 11-462.

Application notes

Priming lubrication

Klüberplex AG 11-462 is applied by brush or spatula, ideally onto clean surfaces. To determine the right quantity for your application, please see the diagram overleaf.

Operational lubrication

Klüberplex AG 11-462 can be applied by brush as well as by manually operated grease guns.

The lubricant can be applied using suitable centralized lubrication systems at temperatures from 0 to 60°C. Adhesion is sufficient at temperatures as low as -40°C. Provided sufficient relubrication is ensured, short-term thermal loads of up to 200°C are permissible.*

The lubricant quantities to be used depend on the operating conditions and must be determined for each application individually.

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	ml	spray can
1	kg	can
5	kg	bucket
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.



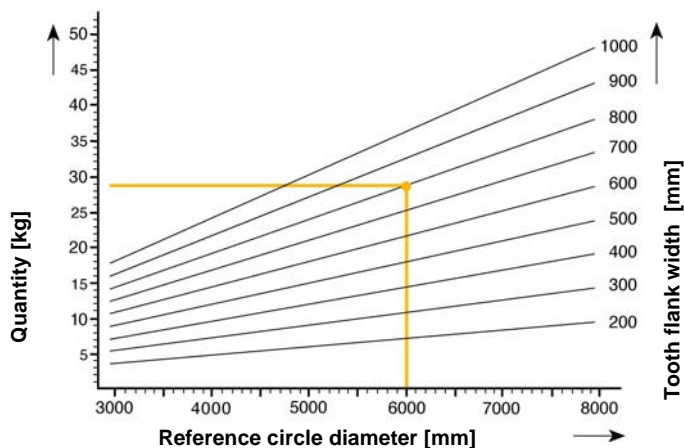
Klüberplex[®] AG 11-462

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Product data	Klüberplex AG 11-462
Colour	white
Texture	homogeneous
Density, at 20 °C [g/cm ³], approx.	1.1
Drop point, DIN ISO 2176, [°C]	≥ 180
Consistency class, DIN 51818, NLGI	2
Solid lubricant content, [wt. %], approx.	20
Effectiveness of the lubricating film*, [°C]	-40
Base oil viscosity ISO VG	460
Water resistance, DIN 51807-01, 3 h / 90 °C	0-90
FZG special test A/2,76/RT, scuffing load step	> 12

* 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.

Klüberplex AG 11-462 – Determining quantity required for priming lubrication



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www.klueber.com

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