

# Klübersynth LG 44-32

Smooth running grease with excellent corrosion protection and good compatibility with plastics and elastomers



## Your benefits at a glance

- Good corrosion protection and resistance to water and salt water
- Good low-temperature resistance
- Good compatibility with plastics
- Good compatibility with elastomers
- For high speeds
- Smooth running grease
- Contains UV indicator (366nm)

## Your requirements - our solution

Klübersynth LG 44-32 is a light-colored special lubricating grease containing lithium soap, synthetic hydrocarbon (viscosity 18 cSt at 40°C) and adhesion additives. This low-temperature grease offers excellent corrosion protection. The corrosion protection additive of this lubricant has been exclusively formulated for Klüber Lubrication in view of material compatibility and water resistance. Klübersynth LG 44-32 shows good compatibility with plastics and elastomers.

## Application

Klübersynth LG 44-32 can be used as high-speed grease for plain bearings as well as for plastic material pairings in small gears. Klübersynth LG 44-32 is suitable for corrosion-sensitive components

in the automotive industry requiring good low-temperature stability and smooth running, for example: electric motors, small gears, windscreen wipers, window lifters, sunroofs, door locks, bowden cables, park braking systems, gearboxes, side mirrors, brakes of commercial vehicles.

## Application notes

Klübersynth LG 44-32 is applied by brush, spatula or grease gun.

## Material safety data sheets

Material safety data sheets can be requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	Klübersynth LG 44-32
Can 1 kg	+
Bucket 25 kg	+

  

Characteristics	Klübersynth LG 44-32
Article number	004235
Composition, thickener	lithium soap
Composition, type of oil	synthetic hydrocarbon oil
Colour space	beige
Texture	homogeneous , short fibrous
Service temperature, lower limit	-60 °C

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Characteristics	Klübersynth LG 44-32
Service temperature, upper limit	130 °C
Density, Klüber method: PN 024, 20°C	approx. 0.85 g/cm <sup>3</sup>
NLGI grade, DIN 51818	2
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s <sup>-1</sup> , lower limit	2000 mPas
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s <sup>-1</sup> , upper limit	6000 mPas
Copper corrosion, DIN 51811, 24 h, 100°C	1 - 100 - 24 corrosion degree
SKF-EMCOR, DIN 51802, based on standard, Klüber method: artificial saltwater, 168 h	≤ 1 corrosion degree
Oil separation, ASTM D6184, 30 h, 100°C	≤ 5 % by weight
Oil separation, DIN 51817 N, 168 h, 40°C	≤ 5 % by weight
Flow pressure, DIN 51805-2, -60°C	≤ 1400 mbar
Dropping point, DIN ISO 2176 / IP 396	≥ 185 °C
Water washout test, ASTM D1264, 1 h, 79°C, grease loss	≤ 15 % by weight
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. 36 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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