

Klübersynth LG 44-32

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



Benefits for your application

- 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)

Description

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.

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.

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

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	Klübersynth LG 44-32
Can 1 kg	+
Bucket 25 kg	+
Drum 170 kg	+

Product data	Klübersynth LG 44-32
Article number	004235
NLGI grade, DIN 51818	2
Chemical composition, thickener	lithium soap
Chemical composition, type of oil	synthetic hydrocarbon oil
Lower service temperature	-60 °C / -76 °F
Upper service temperature	130 °C / 266 °F
Colour space	beige
Texture	homogeneous



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Texture	short-fibred
Density at 20 °C	approx. 0.85 g/cm ³
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, lower limit value	2 000 mPas
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, upper limit value	6 000 mPas
Corrosion inhibiting properties of lubricating greases, based on DIN 51802, SKF-EMCOR, test duration: 1 week, synthetic saltwater	<= 1 corrosion degree
Copper corrosion, DIN 51811, (lubricating grease), 24h/100 °C	1 - 100 corrosion degree
Drop point, DIN ISO 2176, IP 396	>= 185 °C
Flow pressure of lubricating greases, DIN 51805-2, test temperature: -60 °C	<= 1 400 mbar
Oil separation, ASTM D 6184 [FTMS 791 C 321], after 30 h/100 °C	<= 5 % by weight
Oil separation, DIN 51817 N, after 7 d/40 °C	<= 5 % by weight
Water washout test, ASTM-D 1264, grease loss, 1h/79 °C	<= 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 80 years.

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