MICROLUBE GL 261, GL 262

Special lubricating greases for boundary friction conditions and tribo-corrosion

Your benefits at a glance

- Optimum lubrication in the boundary friction regime, thus preventing machine downtime due to tribo-corrosion
- Tried-and-tested for many years and approved by OEMs
- Longer component life due to special additives, especially with oscillations and micro-movements
- Trouble-free operation of machines due to good pumpability in central lubrication systems

Your requirements - our solution

MICROLUBE GL 261, GL 262 greases are special lubricating greases on a mineral oil base. They also contain special lithium soap and the MICROLUBE additive package, which ensures a wear-free surface finish. Running-in wear is reduced to a minimum. In addition, the MICROLUBE additive package provides protection in the boundary friction regime, thus preventing tribo-corrosion.
MICROLUBE GL 261, GL 262 greases have the capacity to absorb high pressures, and they have good anti-corrosion properties.

Application

MICROLUBE GL 261, GL 262 greases are particularly suitable for low to medium-speed plain and rolling bearings, and for swivel movements and vibrations.

Other applications:

- linear guides
- serrations, multiple spline shafts
- small gears, e.g. adjustment gears

They are generally suitable for machine elements potentially subject to tribo-corrosion.

Application notes

MICROLUBE GL 261, GL 262 greases can be precisely applied by brush, spatula, grease gun, and through centralized lubrication systems.

Material safety data sheets

Material safety data sheets can be requested via our website

person at Klüber Lubrication.

Pack sizes	MICROLUBE GL 261	MICROLUBE GL 262	MICROLUBE GL 261 Spray
Cartridge 400 g	+	+	
Aerosol can 250 ml			+
Can 500 g	+		
Can 1 kg	+	+	
Bucket 5 kg	+	+	
Bucket 25 kg	+	+	
Bucket 50 kg	+		
Drum 180 kg	+	+	

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Hint

Except for the article number and the minimum shelf life, the spray data below refer to the solvent-free spray agent.

Characteristics	MICROLUBE GL 261	MICROLUBE GL 262	MICROLUBE GL 261 Spray
Article number	020195	020200	120101
Composition, thickener	lithium complex soap	lithium complex soap	lithium complex soap
Composition, type of oil	mineral oil	mineral oil	mineral oil
Appearance	almost transparent	almost transparent	almost transparent
Colour space	yellow	yellow	yellow
Texture	fibrous , homogeneous	fibrous , homogeneous	fibrous , homogeneous
Service temperature, lower limit	-30 °C	-25 °C	-30 °C
Service temperature, upper limit	140 °C	140 °C	140 °C
Density, Klüber method: PN 024, 20°C	approx. 0.89 g/cm³	approx. 0.89 g/cm³	approx. 0.89 g/cm³
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	310 0.1 mm	265 0.1 mm	310 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	340 0.1 mm	295 0.1 mm	340 0.1 mm
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 20 mm²/s	approx. 20 mm²/s	approx. 20 mm²/s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 290 mm²/s	approx. 280 mm²/s	approx. 290 mm²/s
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 168 h	≤ 1 corrosion degree	≤ 1 corrosion degree	≤ 1 corrosion degree
Flow pressure, DIN 51805-2, -25°C		≤ 1400 mbar	
Flow pressure, DIN 51805-2, -30°C	≤ 1400 mbar		≤ 1400 mbar
Dropping point, DIN ISO 2176 / IP 396	≥ 220 °C	≥ 250 °C	≥ 220 °C
Speed factor (n x dm)	≥ 300000 mm/min	300000 mm/min	≥ 300000 mm/min
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months	36 months	36 months

Product information

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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.