

CENTOPLEX 24 DL

Low-temperature grease for rolling and plain bearings



Your benefits at a glance

- Low-temperature grease
- Dynamically light
- Long-term lubrication for simple applications
- Multipurpose grease

Your requirements - our solution

CENTOPLEX 24 DL is a low-temperature grease based on mineral oils with good oxidation resistance and a lithium calcium soap. The product's good mechanical stability enables long-term lubrication at normal temperatures and loads.

Application

CENTOPLEX 24 DL can be used as a low-temperature grease in many different plain and rolling bearing applications as well as in lubrication points with low torques and/or high rotational speeds. CENTOPLEX 24 DL has proven successful in the lubrication of door handles and locking mechanisms in motor vehicles, windshield wipers and small gears.

For long-term lubrication, temperature at the friction point should be < 70 °C. We will be pleased to advise you on relubrication intervals and quantities.

Application notes

CENTOPLEX 24 DL can be applied by grease gun, brush or spatula. Pumpability via centralised lubricating systems should be checked with the system manufacturer prior to use.

The friction point can be cleaned using commercial cleaning agents.

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	CENTOPLEX 24 DL
Can 1 kg	+
Bucket 25 kg	+

Characteristics	CENTOPLEX 24 DL
Article number	020008
Composition, thickener	lithium-calcium soap
Composition, type of oil	mineral oil
Colour space	brown
Service temperature, lower limit	-35 °C
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	280 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	310 0.1 mm

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Characteristics	CENTOPLEX 24 DL
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , lower limit	2500 mPas
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , upper limit	4500 mPas
Copper corrosion, DIN 51811, 24 h, 80°C	1 - 80 - 24 corrosion degree
Oil separation, DIN 51817 N, 168 h, 40°C	≤ 6 % by weight
Flow pressure, DIN 51805-2, -45°C	≤ 1400 mbar
Dropping point, DIN ISO 2176 / IP 396	≥ 170 °C
Water resistance, DIN 51807-1, 3 h, 40°C	≤ 1 - 40 rating
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 90 years.

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