KLÜBER LUBRICATION

STABURAGS N 12 MF

Long-term lubricating grease for plain and rolling bearings

Benefits for your application

- **Good corrosion protection**
- **Reduces wear**
- **Good emergency lubrication properties due to solid lubricant**

Description

STABURAGS N 12 MF is a mineral oil grease for long-term applications, as well as plain and rolling bearings operating at high temperatures and medium speeds. The solid lubricant it contains (MoS2) ensures emer-gency operation at increased tem-peratures or loads.

Application

For the lubrication of bearings operating at high temperatures in fans, spline shafts, exhaustors and hot air blowers. Especially suitable for long-term lubrication of electric motors and enclosed rolling bearings which are not relubricated.

Application notes

STABURAGS N 12 MF is applied by brush, spatula or conventional metering systems.

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	STABURAGS N 12 MF
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+

Product data	STABURAGS N 12 MF
Article number	017016
Chemical composition	molybdenum disulphide
Chemical composition, thickener	sodium complex soap
Chemical composition, type of oil	mineral oil
Lower service temperature	-20 °C / -4 °F
Upper service temperature	140 °C / 284 °F
Colour space	black
Density at 20 °C	approx. 0.95 g/cm³
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	245 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	275 x 0.1 mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 220 mm²/s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 19 mm²/s
Speed factor (n x dm)	approx. 500 000 mm/min
Shear viscosity at 25°C, shear rate 300 s-1, equipment:rotational viscometer, upper limit value	9 000 mPas

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Product data	STABURAGS N 12 MF
Shear viscosity at 25 °C, shear rate 300 s-1, equipment: rotational viscometer, lower limit value	6 000 mPas
Drop point, DIN ISO 2176, IP 396	>= 220 °C
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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