

MICROLUBE GLY 92

Special grease for the lubrication of rolling and plain bearings across a wide service temperature range



Description

MICROLUBE GLY 92 is a special grease incorporating a partially synthetic base and a lithium special soap thickener. The product is considered special in terms of its good corrosion protection characteristics and water resistance.

Application

MICROLUBE GLY 92 is intended for the lubrication of rolling and plain bearings, especially those subject to both high and low temperature influences. Special fields of application are cardan shafts, needle roller bearings, gears and motors as well as the fixed and detachable rope grips of ski lifts, where MICROLUBE GLY 92 has proven successful particularly due to its good low-temperature and anticorrosive characteristics.

Application notes

MICROLUBE GLY 92 may be applied by brush spatula or grease gun. Compatibility with elastomers and plastic materials should be checked prior to series applications as constructional materials may vary greatly from differing manufacturers and suppliers.

Minimum shelf life

The minimum shelf life is approx. 36 months if the product is stored in its closed original container in a dry place.

Pack sizes

25 kg bucket

MICROLUBE GLY 92

- Excellent low-temperature characteristics
- Good corrosion protection
- Good water resistance

Product data

Colour	beige
Texture	homogeneous, fibrous
Density at 20 °C, g/cm ³	0.90
Service temperature range*, °C, approx.	-45 to 150
Worked penetration, DIN ISO, 2137 (ASTMD 217); 25 °C, 0.1 mm	265 – 295
Consistency class, DIN 51818, NLGI	2
Flow pressure, DIN 51805, -45 °C, mbar	≤ 1400
Water resistance, DIN 51807, pt. 1; 3h / 90 °C	≤ 1 - 90
Corrosion protection (SKF-Emcors), DIN 51802, 1 week, dist. water, degree of corrosion	≤ 1
Base oil viscosity, DIN 51562 T1, 40 °C, mm ² /s, approx. 100 °C, mm ² /s, approx.	85 10.5
Speed factor (n x d _m)**, mm x min ⁻¹ , approx.	500,000

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic viscosity or viscosity depending on the mechano-dynamical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

** Speed factors are guide values which depend on the type and size of the rolling bearing type and the local operating conditions, which is why they have to be confirmed in tests carried out by the user in each individual case.