

Klübersynth GEZ 6-220

Running-in and anticorrosion oil



Benefits for your application

- For running-in and corrosion protection
- Good antiwear properties
- Formation of an anticorrosion film on the surfaces
- Miscible with polyglycol gear oils such as Klübersynth GH 6 and Klübersynth UH1 6

Description

Klübersynth GEZ 6-220 is a polyglycol running-in and anticorrosion oil, and is fully miscible with polyglycol gear oils. Its antiwear additives allow running-in of new gearboxes under load for a complete functional test. Special corrosion inhibitors ensure excellent corrosion protection for intermediate and long-term storage.

Application

Klübersynth GEZ 6-220 is used for the running-in and/or corrosion protection of gears and other machines using a polyglycol-based gear oil, e.g. Klübersynth GH 6 or Klübersynth UH1 6 for operational lubrication. After running-in, Klübersynth GEZ 6-220 is drained, leaving a thin oil film on the gears which ensures adequate corrosion protection under typical storage conditions.

Application notes

Klübersynth GEZ 6-220 can be used for immersion and injection lubrication. Small residues of Klübersynth GEZ 6-220 remaining in the gearbox after draining, do not affect the lubricating properties of the operational polyglycol gear oil. Klübersynth GEZ 6-220 is not miscible with gear oils based on mineral oil or polyalphaolefin.

For checking the contact pattern during running-in, the inspection paint Klübertop P 39-362 can be used, which is also resistant to polyglycols.

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 GEZ 6-220
Canister 5 l	+

Product data	Klübersynth GEZ 6-220
Article number	012302
Density, based on DIN 51757) at 15 °C	approx. 999 kg/m ³
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 220 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 35 mm ² /s
Viscosity index, DIN ISO 2909	>= 190
ISO viscosity grade, DIN ISO 3448	220
FAG FE8 rolling bearing test, DIN 51819-3, D 7,5/80-80, wear of rolling element	<= 30 mg
Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus	>= 220 °C
Flender -Schaumtest mit Originalöl, Volumenzunahme	<= 15 %
FZG scuffing test, based on DIN ISO 14635-1, A/16.6/90, scuffing load stage	>= 12
FZG scuffing test, DIN ISO 14635-1, A/8.3/90, scuffing load stage	>= 14
Anticorrosive properties on steel, DIN ISO 7120, method A, steel, 24 h/60 °C	no rust corrosion degree



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Anticorrosion properties on steel, DIN ISO 7120, method B, 24h/60 °C	no rust corrosion degree
Copper corrosion, DIN EN ISO 2160, 24 h/100°C	1 - 100 corrosion degree
Pour point, DIN ISO 3016	<= -35 °C
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 80 years.

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