

Klübertemp GR YNX

Long-term lubricating grease for valves and fittings



Benefits for your application

- Good resistance to aggressive media
- High thermal stability
- Neutral towards elastomers and plastics
- Very good sliding friction properties

Description

Klübertemp GR YNX is an odourless long-term lubricating grease based on a perfluorinated polyether (PFPE) oil and a silicate thickener. This base oil/thickener combination allows very good sliding friction properties and a low tendency to stick slip.

Application

Klübertemp GR YNX is used as sliding agent for the lubrication of valves, fittings and installations requiring high resistance to aggressive gases and liquids. Klübertemp GR YNX can also be used for the lubrication of sealing materials and in vacuum technology.

Behaviour towards elastomers and plastics:

Lubricating greases based on perfluorinated polyether oils and silicate are generally regarded as neutral towards most elastomers and plastics (exception: perfluorinated rubber). Nevertheless we recommend testing compatibility with the material to be used, especially prior to series application.

Application notes

For optimum lubrication results, we recommend cleaning the friction points with white spirit 180/210 followed by Klüberalfa XZ 3-1. Then blow the surfaces with clean, dry compressed air or hot air to remove solvent residues. For initial lubrication, the friction points must be clean and bright, i.e. free from oil, grease, and perspiration. Klübertemp GR YNX is applied directly or by means of brush, spatula or lubricant dispenser. The technical sales departments at Klüber Lubrication may be contacted at any time for advice to ensure optimum service life results.

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	Klübertemp® GR YNX
Tube 100 g	+
Can 1 kg	+

Product data	Klübertemp® GR YNX
Article number	090191
Chemical composition, type of oil	PFPE
Chemical composition, solid lubricant	silicate
Lower service temperature	-40 °C / -40 °F
Upper service temperature	150 °C / 302 °F
Colour space	grey
Texture	homogeneous
Density at 20 °C	approx. 1.90 g/cm ³
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	280 x 0.1 mm



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Product data	Klübertemp® GR YNX
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	310 x 0.1 mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 90 mm ² /s
Oil separation, based on ASTM D 6184 [FTMS 791 C 321] after 30 h/150 °C	<= 10 % by weight
Evaporation loss, ASTM D 2595 22H/149 °C	<= 5 % by weight
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 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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