

Nontrop RB 3 DIN E

Grease for propane, butane, natural and town gas valves and fittings acc. to DIN EN 377



Your benefits at a glance

- Tested and approved by DVGW acc. to DIN EN 377 class D
- Very good and durable wetting of friction points
- Neutral towards copper and its alloys
- High thermal stability
- Neutral towards DIN EN 377 elastomers, e.g. SRE-NBR 1
- Contains solid lubricant to compensate for roughness peaks and areas subject to elevated load

Your requirements - our solution

NONTROP RB 3 DIN E is a thermally stable lubricating, sliding and sealing agent based on mineral oil and thickened with a thermally very stable silicate and solid lubricant.

Application

NONTROP RB 3 DIN E is used as lubricant, sliding and sealing agent in gas equipment of all categories including the additional fittings contained in them or intended to be fitted in them which can come into contact with fuel gases. Such fittings include ball, taper plug and other valves in cooking and heating installations, etc., with an operating temperature from 0 °C to 140 °C acc. to EN 377 that are used with fuel gases or gas mixtures such as natural or town gas as well as propane and butane as specified in DVGW worksheet G 260.

Application notes

Carefully clean and degrease the friction points prior to initial lubrication. Then apply a thin and uniform layer of NONTROP RB 3 DIN E by means of brush, spatula or suitable metering system to all friction points of the component.

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	NONTROP RB 3 DIN E
Can 1 kg	+
Bucket 25 kg	+

Product data	NONTROP RB 3 DIN E
Article number	001045
Chemical composition, solid lubricant	solid lubricant
Chemical composition, solid lubricant	silicate
Chemical composition, type of oil	mineral oil
Colour space	black
Texture	homogeneous
Density at 20 °C	approx. 1.10 g/cm ³
Drop point, DIN ISO 2176, IP 396	>= 240 °C
Copper corrosion, DIN 51811, (lubricating grease), 24h/140°C	<= 2 - 140 corrosion degree
Oil separation, ASTM D 6184 [FTMS 791 C 321], after 30 h/100 °C	<= 1 % by weight



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Product data	NONTROP RB 3 DIN E
Shear viscosity at 25°C, shear rate 300 s ⁻¹ , equipment:rotational viscometer, upper limit value	11 500 mPas
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, lower limit value	7 500 mPas
Lower service temperature	-10 °C / 14 °F
Upper service temperature	140 °C / 284 °F
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	255 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	230 x 0.1 mm
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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