

# Klübersynth VR 69-252

Lubricating grease for drinking water fittings with EPDM elastomers



## Benefits for your application

- **Special lubricating grease for hot and cold water fittings**
- **Especially suitable for spindle heads with EPDM elastomers**
- **SVGW approval for drinking water**
- **Complies with European standard DIN EN 200**
- **Excellent adhesiveness and high load-carrying capacity**

## Description

Klübersynth VR 69-252 is a special lubricating grease based on fatty oil and an inorganic thickener.

This product excels by a high load-carrying capacity and marked adhesiveness in cold and hot water applications.

Klübersynth VR 69-252 is well above the required endurance of 200,000 load cycles at a closing force of 2.5 Nm and thus meets the specifications of the European standard DIN EN 200.

elastomers, check and control valves, shower and heating fittings, and generally for the lubrication of seals that require a grease compatible with EPDM and in compliance with statutory drinking water regulations.

## Material safety data sheets

Material safety data sheets can be requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

## Application

Klübersynth VR 69-252 is suitable for the lubrication of all friction points subject to mechanical loads in spindle heads with EPDM

| Pack sizes   | Klübersynth VR 69-252 |
|--------------|-----------------------|
| Can 1 kg     | -                     |
| Bucket 25 kg | -                     |



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| Product data                                                                                                                 | Klübersynth VR 69-252       |
|------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Article number                                                                                                               | 012170                      |
| Worked penetration, DIN ISO 2137, 25 °C, upper limit value                                                                   | 310 x 0.1 mm                |
| Worked penetration, DIN ISO 2137, 25 °C, lower limit value                                                                   | 280 x 0.1 mm                |
| Shear viscosity at 25°C, shear rate 300 s <sup>-1</sup> , equipment:rotational viscometer, upper limit value                 | 12 000 mPas                 |
| Shear viscosity at 25 °C, shear rate 300 s <sup>-1</sup> , equipment: rotational viscometer, lower limit value               | 6 000 mPas                  |
| Copper corrosion, DIN 51811, (lubricating grease), 24h/100°C                                                                 | 1 - 100 corrosion degree    |
| Colour space                                                                                                                 | green                       |
| Density at 20 °C                                                                                                             | approx. 1 g/cm <sup>3</sup> |
| Water resistance, DIN 51807 pt. 01, 3 h/90 °C, rating                                                                        | <= 1 - 90                   |
| 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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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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