



AUTOMATIC LUBRICATOR

LUBER READY / LUBER SMART / LUBER DRIVE

Installation Guide

Experts
& Tools



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This installation guide provides instructions for the installation of the automatic lubricator LUBER READY / LUBER SMART / LUBER DRIVE and helps in preventing basic mounting errors. The guide should be used with the operating instructions.

Drawings are only examples. There are many other possibilities for mounting, depending on local conditions.

Disclaimers of corresponding operating instructions apply.

Installation guides do not affect validation of the operating instructions.

Basic guidelines

- LUBER READY / LUBER SMART / LUBER DRIVE is a single-point lubrication system. You must use a separate lubrication system for each lubrication point.
- The connection thread of LUBER READY / LUBER SMART / LUBER DRIVE is BSP R $\frac{1}{4}$ male thread.
- Replace the application's grease fitting with a suitable reducer. SNR offers a wide assortment of reducers, extensions, tube / hose, brackets and other accessories. See our Experts & Tools maintenance products catalogue for the entire overview on SNR accessories, or on our e-shop for the entire overview on SNR accessories.
- Ensure that the lube point is prefilled with fresh lubricant before installation.
- Select the right lubricant for your application. SNR offers a wide variety of standard lubricants for different applications. See our SNR lub catalogue for further information.
- All metal to metal connections must be glued together with Loctite® 243™.
- Fill grease lines and accessories with the same lubricant that is contained in the lubrication system.
- LUBER READY can be used for saltwater applications (underwater usage is possible for a limited time). Protection class IP 68.
- For managing several lubrication points we recommend the use of a lubrication maintenance plan.

**You can find out more about
Experts & Tools maintenance products
on our website www.ntn-europe.com**

Lub



Tools



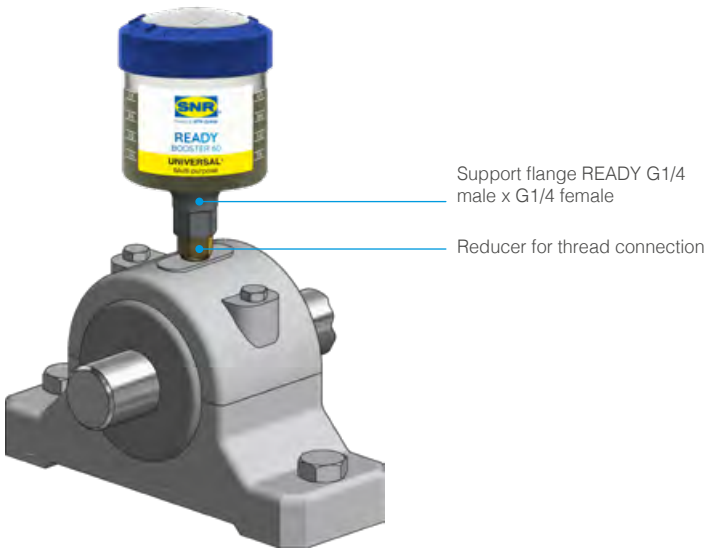
E-shop



Mounting types

Direct mounting

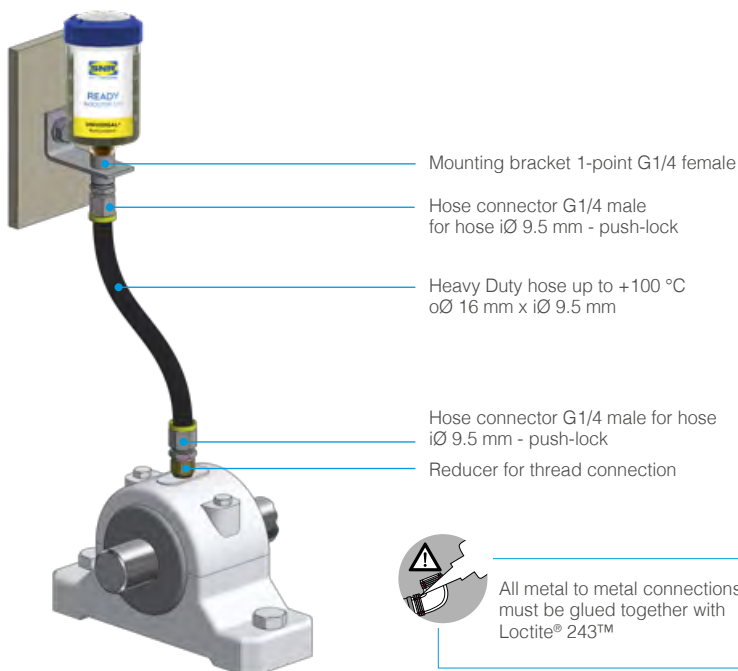
Direct mounting should be preferred for all lubrication points, to protect the lubrication system against high pressure.



Remote mounting with tube / hose

Remote mounting is recommended if,

- the ambient temperature of the lubrication point is permanently higher than +60 °C
- the lubrication point is exposed to high vibrations
- no direct access to lubrication point is possible due to safety issues (e. g. removal of protective screens, safety walls or cages)
- it is difficult or dangerous to access the lubrication point
- the lubrication system is exposed to mechanical forces (e. g. falling rocks)

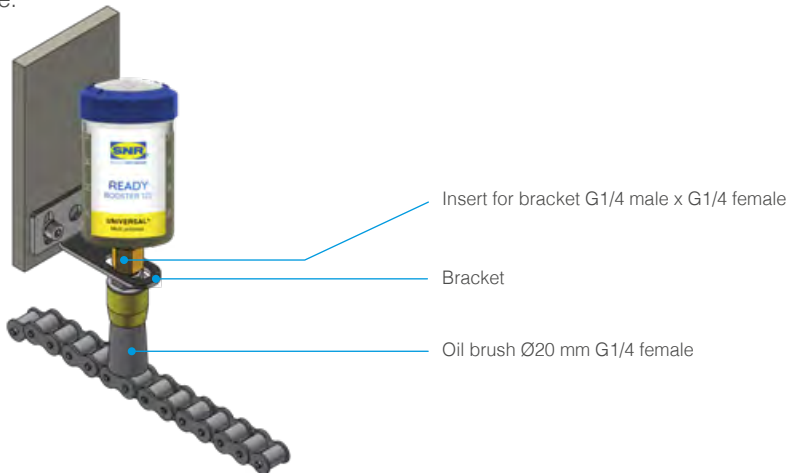


- Keep connection lines as short as possible and use tubes / hoses with an inside diameter of at least 6 mm. Keep in mind that tube / hose length and bore diameter of bearing housings affect pressure and discharge period of the lubrication system.
- For installation of LUBER READY / LUBER SMART / LUBER DRIVE use Mounting bracket 1-point G1/4 female.
- Secure tubes / hoses with suitable fastenings (brackets, cable ties) to protect against damage and tearing.
- Depending on lubricant and ambient temperature, different tube / hose lengths are possible,

Mounting of oil filled units

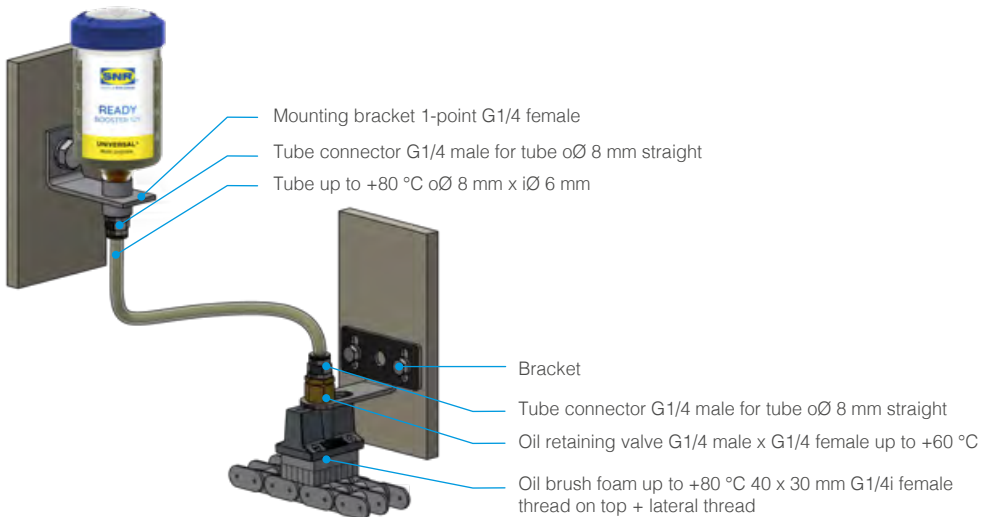
Direct mounting

All oil filled LUBER READY / LUBER SMART / LUBER DRIVE come with an integrated oil retaining valve. They can be installed directly on a lubrication brush without the need for an additional oil valve.

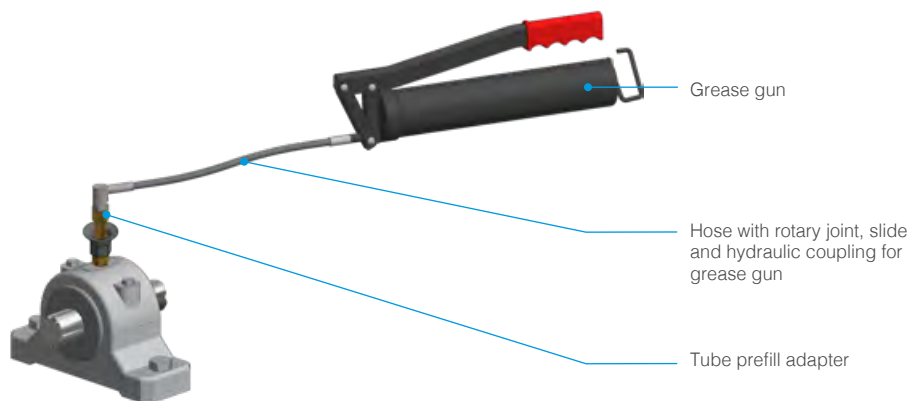


Remote mounting

Remote installations of oil filled LUBER READY / LUBER SMART / LUBER DRIVE require an oil retaining valve at the lowest point of the application. This will prevent oil leakage from the lubrication system.



Lubrication point, accessory parts and tubes / hoses must be pre-filled with lubricant.
This enables the lubricant to immediately reach the lubrication point.



Prefill lubrication point and all grease lines for remote installation.



Use a tube prefill adapter to prefill lubrication point and grease lines:
KIT TUBE PREFILL KIT



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