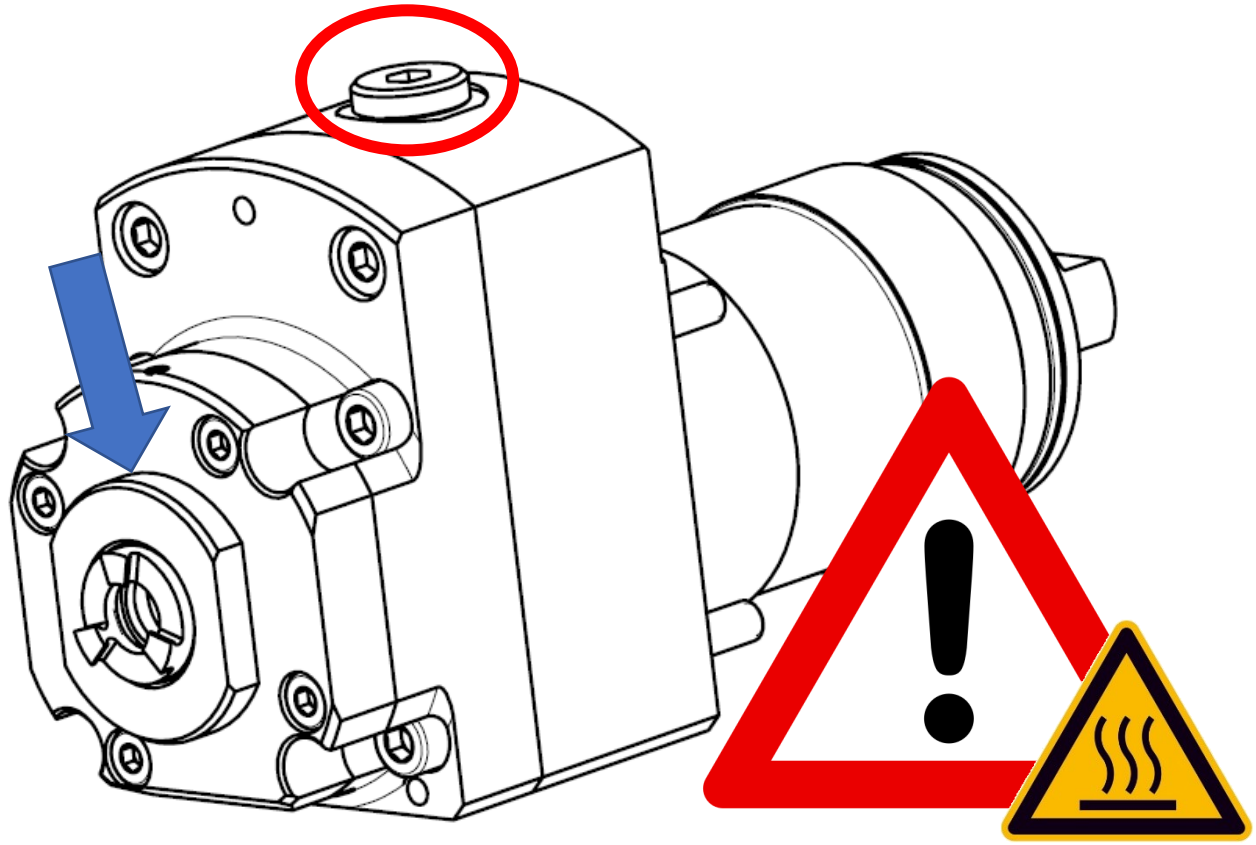
Pay attention to the temperature

The unit comes standard with a closed grease lubrication. If you run the speed increase for a too long time, it could overheat which leads to a total failure of it. Usually the tool has enough time to cool down again if you don't use it longer than 20% of the complete cycle time.

Make sure the tool holder does not exceed 55° C (130° F).
Try to cool it down with the machine coolant.

If you still have temperature issues, we recommend switching to Oil Mist Lubrication. Just take out the 1/8" screw (red circle) and connect it with your Oil Mist Lubrication System. Always before start running the unit, make sure that oil escapes between the spindle exit and housing (between rotating and static part, blue arrow).

Never run it again without Oil Mist Lubrication after this procedure otherwise it will overheat instantly as you flushed out the lubricating grease.



Switch back to Grease

If you want to change it back to grease you should send it to a Suhner repair facility or NMP because the unit has to be disassembled completely to add new grease again.

Oil Mist Operation

At the inlet of the tool holder, you should have minimum 1 bar (max 3 bar!) of oil mist pressure. Keep in mind, that you lose some pressure depending on the length of the hose.

Never go below 1.5 cm3/h (≈15 drops/minute) oil mist with this tool holder. This is valid for a 2 m hose, for every additional meter of hose the quantity must be increased by at least 10%.

It is extremely important that on the first time you turn on the oil mist about 10 minutes before starting the rotation. This way the entire tube is filled with mixture (otherwise the air will only blow out the grease). Oil mist must be turn on for a few seconds before the tool starts rotating.

→ In summary it is important (as written on page 1): Oil must escape between the spindle exit and the housing (blue arrow) before the unit is started.