

Technical information

Innovative separate lubrication | Lubricants for screw and gearbox

Automatic relubrication

Automatic relubrication (e.g. PLC-capable lubricator) must be position-controlled. This is connected to one of the two lubrication points. The opposite side is designed as a ventilation system. The ventilation must always be positioned at the top.

ATTENTION:

Higher idle and breakaway torques are generally to be expected at low temperatures.

Durable systems

Depending on the applications we recommend complete cleaning and regreasing after 5 years.



1

Gearbox

The gearbox is sealed and filled with a synthetic grease or fluid grease, depending on the version.

2

- Trapezoidal thread Tr
- Ball screw KGT
- Rotation protection VS

Relubrication must be carried out in the respective lubrication positions provided for this purpose (SP1, SP2, ...). Lubrication quantities and intervals are application related.

The rotation protection VS will also be lubricated when lubricating the spindle.

Thread/Gear	Lubricant-Type	Lubricant	Suitability
Trapezoidal thread Tr	Spindle grease for ZA-Series	Tungrease BS	Synthetic grease for high performance applications
Ball screw KGT	Standard grease for KGT	Tribol GR 4747/220-2HT	Synthetic grease for high performance applications
Rotation protection VS	Standard grease, Food grade grease	Optileb GR UF 00	Very high quality, synthetic grease for all standard applications with NSF-H1-approval

Other greases

Using multipurpose greases and other greases can significantly impair operation and shorten the service life.