

3. Maintenance of Spiral Bevel Gearboxes Type SK, SKN, SKH

3.1 Changing the lubricant

This gearbox is filled with a synthetic lubricant.

- # N.B. Do not mix mineral and synthetic grease/oil grades. The gearbox could be damaged if this is done.

3.2 Spiral Bevel Gearboxes filled with oil

The first oil change must be carried out after approx. 1.000 operating hours. Further oil changes are necessary after every 10.000 operating hours. Max. 3 years.
It is necessary to change the oil, please work with point 3.2.1

3.2.1 Procedure

- # Allow gearbox to warm up.
- # Secure drive and machine from unintentional movement or switching on.
- # Remove drain plug. Allow lubricant to drain out through drain hole.
- # Fit drain plug.
- # Remove ventilation valve und fill in specified lubricant in the required quantity.
- # Fit ventilation valve.

The tables below specify the required oil grade and quantities.

3.2.2 Specified oil grade

Mobil	Klüber	Shell
Mobilube SHC 75 W-90 LS	Klübersynth GE 4 75 W 90	Transmission MB 75W-90
Mobil SGO SAE 75W-90		Spirax ASX 75W-90

3.2.3 Required oil quantities

Gear size	50	100	200
Oil quantity [litres]	0.10	0.18	0.36