

3. Maintenance of Spiral Bevel Gearboxes Typ SKPR, SKPG

3.1 Changing the lubricant

This gearbox is filled with a synthetic lubricant.

- # N.B. Do not mix mineral and/or 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.
- # Open drain plug.allow lubricant to drain out through drain hole.
- # Close drain plug
- # Remove ventilation valve und fill in specified lubricant in the required quantity.
- # Replace vent

The tables below specify the specified oi grade and quantities.

3.2.2 Specified oil grade

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

3.2.3 Required oil quantities (liter)

Gear size	01	02	03	04
Underside A+B	0,175	0,325	0,800	1,300
Underside C+D+E+F	0,140	0,270	0,550	1,000