



Sauer-Information

Mitteilung-Nummer:

0044

Inhalt:

Inspection Gearbox G40 / GK40

Datum:

04.09.2009

Torques:

Hexagon nuts crankcase	4x	M10	Md = 46-56 Nm
Housing bolts	7x	M6x25	Md = 9,6-11 Nm
	6x	M6x100	Md = 9,6-11 Nm
	4x	M6x30	Md = 9,6-11 Nm
SK: centrifugal clutch (cranksh.)	1x	1/2" UNF	Md = 70-75 Nm
S: giubo-clutch (cranksh.)	1x	1/2" UNF	Md = 70-75 Nm

Glew every bolt with Loctite 242 !

Quantity of oil: refer to control bores
Oil type: SAE 80/90-GL 4/GL5

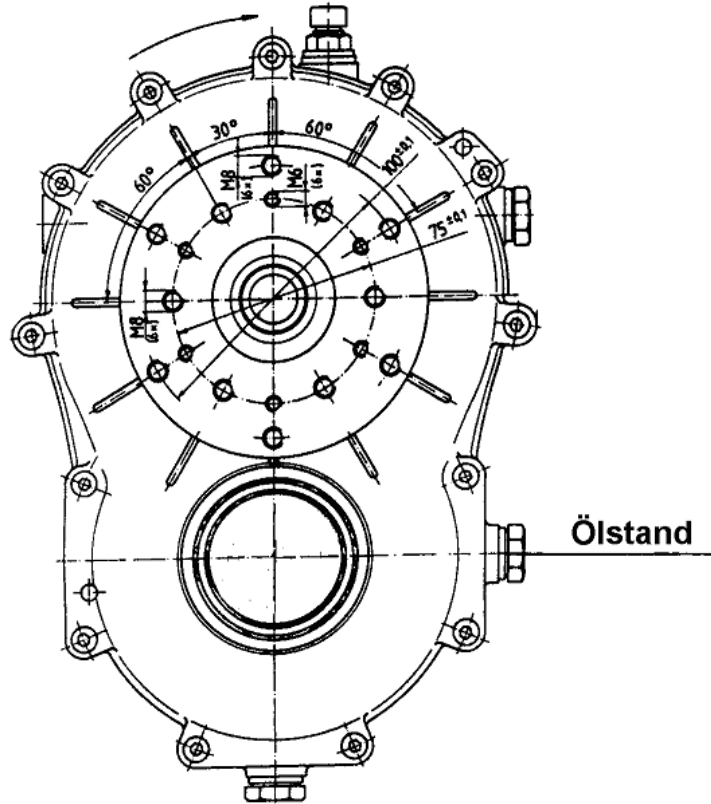
Inspections:

	<u>first time</u>	<u>every</u>
1. retorque housing bolts	2 h	50 h
2. replace oil	10 h	100 h
3. check oil level	-	10 h
4. check gearbox on leakage	before each running. If oil leaks check oillevel	
5a. check giubo-clutch	-	200 h
5b. check centrifugal clutch	-	50 h

Process of Engagement for Gearboxes with Centrifugal Clutch:

To avoid unnecessary wear and possible damage of the clutch, the idle speed must not exceed 1.600 rpm. For engagement, turn the engine up to 2.500 / 2.800 rpm and keep this speed until the clutch has engaged completely. The required operational speed should be set only after complete engagement of clutch. Please take care that the clutch won't start to slip when speeding up.

standing installation



hanging installation

