

**SB 88-101****Change the oil in the planetary gear**

2018-11-27

Rev. B

## 1 Scope and Target Group

**⚠ WARNING**

- ✓ Always refer to the user manual for additional information and safety warnings.
- ✓ Only perform this task if you are qualified to carry out the steps described below.
- ✓ Always make sure that the tasks described in this bulletin are intended for the equipment you are working on.
- ✓ If you are unsure about the workflow, steps or qualification, contact your TTS aftersales service contact.

**Your aftersales service contact:**

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## 2 Problem

- Strange sounds are coming from the planetary gear
- Strange vibrations are coming from the planetary gear.

## 3 Solution

Check the oil and change it if particles are found.

## 4 Operation – Perform the oil change

### NOTICE

- Perform the first oil six months after first start up.
- Perform the following oil changes every two years or depending on the working condition.

Use the following lubricating oils for the planetary gears:

Brand	Synthetic based Oil CLP –HC / VG 220
Aral	Degol PAS 220
Avia	Avia Synthogear 220 EP
BP	Energol EP-XF 220
Castrol	Alphasyn EP 220 Optigear Synthetic A 220 Tribol 1510/220
Fuchs	RENOLIN UNISYN CLP 220
Klüber	Klübersynth GEM 4-220N
Mobil	Mobilgear SHC XMP 150 Mobil SHC 630
OMV	OMV gear SHG 220
Shell	Omala HD 220
Total	Carter SH 220

### ⚠ WARNING

Never mix mineral oil-based transmission oils or PAO based oils with synthetic transmission oils with a polyglycol basis.