

## SB 55-105

### Hydraulic Check Diagram

2018-11-27

Rev. B

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## 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 Task

Fill the tables with the required data.

### 1. Test the speed

Task	Result Pump No.1 rpm	Result Pump No.2 rpm	Result MP1 ....bar	Result MP2 ....bar	Result MP3 ....bar	Design rpm
Heaving Slow Speed (lever at the end-no load)						
Lowering Slow Speed (lever at the end-no load)						
Heaving High Speed (lever to 20bar at the MP1 Pressure gauge-no load)						
Lowering High Speed (lever to 20 bar at the MP1 Pressure gauge-no load)						

**2. Test the pressure**

For the pressure test at MP2 / MP3 you need a 400 bar pressure gauge.

**NOTICE**

For the control pressure at MP1 you need a 60 bar pressure gauge.

Task	Result Pump No.1 bar	Result Pump No.2 bar	Result MP1 38 bar	Design bar
Heaving working pressure test (against the hydraulic brake)				
Lowering pressure test				

**NOTICE**

**For the pressure test against the brake, you have to disconnect the hydraulic pipe!**



*Figure 1: Disconnected hydraulic pipe*