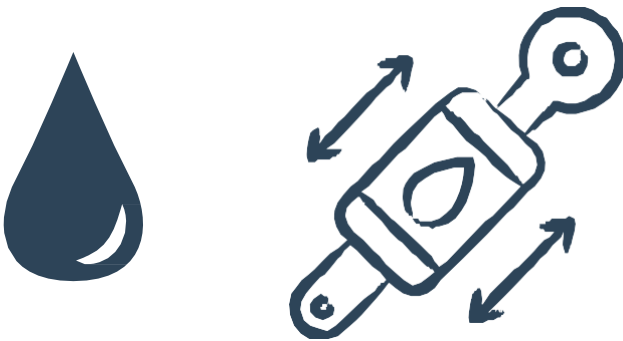




T-shore
Education

Learning Scenario Manual



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Module:

**Hydraulic Pitch
Systems**

Learning scenario:

**Inspection of a
Hydraulic Pitch Hub**



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***Note** This is a fictive generic equipment checklist intended for training purposes and therefore may vary from the equipment checklist provided by a company. It is important that a technician always read and fill checklist carefully prior to any task.*

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1 List of equipment

Table 1. List of equipment

Tool name	Model / Version	Quantity
Inspection report	V01	1
Gloves (resistant to hydraulic fluids)	-	1
Safety shoes	-	1
Safety goggles	-	1
Suitable working clothing	-	1
Nacelle	-	1
Hydraulic pitch	-	1
Lockout device	-	1
padlock	-	1
tag	-	1
1/4" wrench	-	1

2 Instruction

2.1 Inspection preparation

Step 1: Documentation

- Fill out Table 1. Documentation overview and Table 2. Report overview in **Hydraulic pitch inspection**

Step 2: Safety procedures

Before using the training system, complete the following checklist:

- You wear safety glasses, safety shoes, and gloves.
- You are not wearing anything that might get caught such as tie, jewelry, or loose clothes.
- If your hair is long, tie it out of the way.
- The working area is clean and free of oil or water.
- Fill out *Table 3. Safety procedures* in **Hydraulic pitch inspection**

2.2 Visual inspection of the brake system

Record all observations accurately in the inspection checklist – *Table 4. List of inspection points* in **Hydraulic pitch report**

Step 1: Checking oil tank level, quality, and possible leaks

- Follow instructions in the manual of the Festo Hydraulic Pitch hub

Step 2: Familiarisation with the hydraulic schematic

- Follow instructions in the manual of the Festo Hydraulic Pitch hub

Step 3: Analyzing pressure at GP1 and GP2

- Follow the instructions in the manual

Step 4: Hand pump test



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