

## Replace the defective pitch oil PT100 Sensor

### Does this solve the problem?

- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**  
**IN THE HUB:**

Check PT100 for any loose connections and general tightness in +AK4 panel.

Use a multimeter set to read  $\Omega$  and measure the resistance across the leads of the PT100.

Use the resistance/temperature conversion chart to determine the actual measured value.

Relevant documentation	
Description	DMS No.
PT100 Resistance/Temperature chart	<a href="#">0039-6203</a>

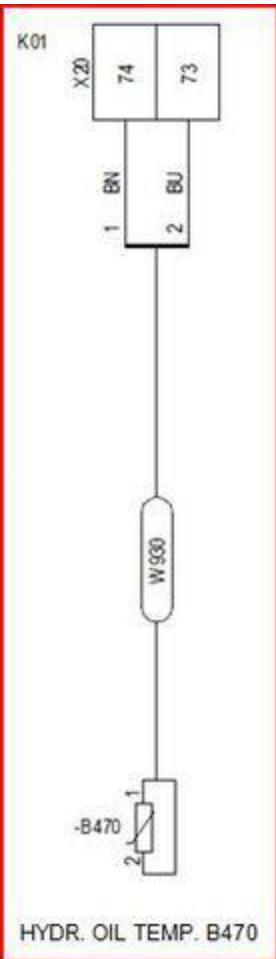
If the value matches that taken from the TAC Temperature menu, then the circuit is working as designed.

If the value is unreal (-40 to 200 °C), then the PT100 is faulty and must be replaced.

Relevant spare parts	
Description	Item No.
TEMP SENSOR PT100 MBT5250	<a href="#">60096502</a>



**Note :** Ensure the Washer availability during replacement.





### Replace the pitch oil sensor cable

Does this solve the problem?

- 1] Yes
- 2] No
- 3] I don't know

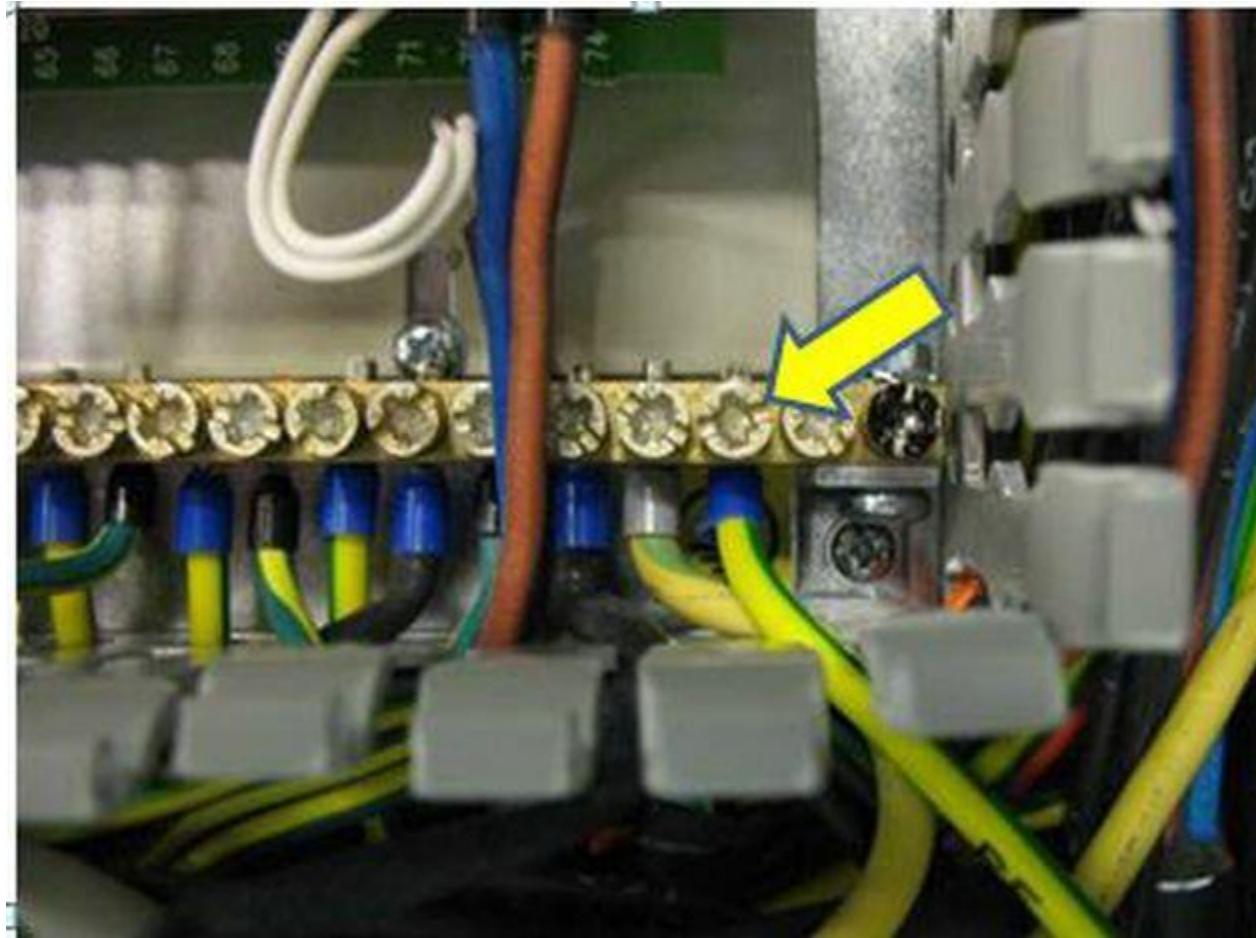
- **Explanation**  
**IN THE HUB:**

Check the cable continuity and cable insulation if any damage is found.

If defective replace the new cable.

Relevant spare parts	
Description	Item No.
CABLE W930 B470 HYDR OLIE	<a href="#">60021533</a>

Check the hub earth connection for proper earthing with hub frame.





### Replace the defective components

Does this solve the problem?

- 1] Yes
- 2] No
- 3] I don't know

• **Explanation**  
**IN THE HUB:**

Check the other components which are connected in the hub computer,

1. Pitch position sensors
2. Pressure transmitters
3. Proportional valves

#### 4. Solenoid valves

Remove the connection plugs one by one while the pitch oil temperature is being monitored in the nacelle.

If removing any of the plugs causes the temperature to stabilize, then follow that particular circuit until the component causing the fault is found and repair/exchange it.

#### **Replace the defective hub computer**

##### **Does this solve the problem?**

- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**  
**IN THE HUB:**

If the cable and sensor is in good condition the cause is likely a faulty hub computer.

<b>Relevant spare parts</b>	
<b>Description</b>	<b>Item No.</b>
SIF HUB COMPUTER CABINET EVOII	<a href="#"><u>51701801</u></a>

**CIM [1594](#)**

