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URGENT SAFETY ADVICE- PLEASE READ CAREFULLY

21/1/08

SB080122 – High rise stabiliser leg cylinder transfer tube excessive movement

As part of our continuous customer support, GMJ Equipment has become aware of a possible problem in a batch of High Rise Stabiliser Legs Cylinder Transfer Tubes.

The transfer tube of the cylinder in question is located at the bore end of the vertical (up & down) cylinder and it is connected between the cylinder and the 'dual pilot operated check valve'.

Excessive clearance between the cylinders clevis and the mounting plates may result in accelerated fatigue in the tube connections and could increase the potential to generate cracks on the transfer tube. In the event of a hydraulic transfer tube failure the cylinder will not hold the weight of the EWP.

GMJ Equipment recommends you remove the affected units from service immediately until visual inspection is carried out as described below.

INSPECTION

1. Ensure that there are no apparent cracks or damage on transfer tubes on all front stabiliser legs on LLF16.350 models. (As per figure 1).



Figure 1

2. Measure the total clearance between the clevis end of the vertical (up & down) cylinder and the two mounting plates, as shown in figures 2a. and 2b. if this clearance is greater than 1.5mm, it could increase the potential to generate cracks in the transfer tube. The total clearance is measured by moving the cylinder to one side against one mounting plate and measuring the gap between the opposite plate and the clevis.

If the total clearance exceeds 1.5mm, or there are signs of cracks in the tube or connections, withdraw the unit from service.

If the total clearance is less than 1.5mm, the unit may return to service.



Figure 2a - Clearance between cylinder clevis end and mounting plates.

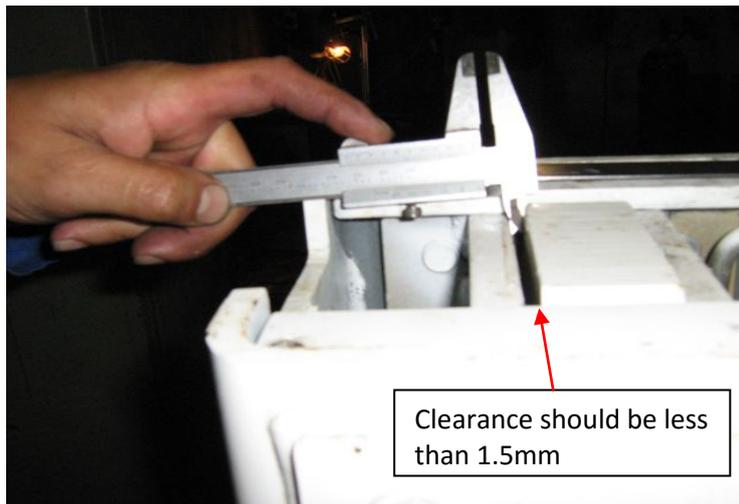


Figure 2b: Clearance between cylinder clevis end and mounting plates. (Should not exceed 1.5mm)

GMJ Equipment will provide you with an upgrade kit.

Please ensure that this inspection is carried out as failure of this cylinder may cause loss of stability on EWP.

Please do not hesitate to contact GMJ Equipment if more information is required.

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