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## UA overflow oil line for axial piston motors HG300 and HG450 (08000-2-014)

**Please read carefully before initial operation!**

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## 1 Scope of delivery

00601-3-261.....Screw-in fitting G14 M18x1.5  
00600-3-117.....T-piece L12 M18x1,5-M18x1,5-M18x1,5  
00601-3-215.....Pressure gauge 0-25 bar  
00600-2-128.....Overflow oil hose line, assembled 12L 7000  
00600-3-983.....Inner thread L12 M18x1,5-G14  
BN20294-378x7,0.....Cable ties 378\*7,0 - Panduit DOME-TOP

## 2 Installation of an overflow oil line on the axial piston motor

To reduce the peak pressure on the Viton seal of the axial piston motor, there is the option of installing an overflow oil line. This overflow oil line is connected at the top end of the axial piston motor and must lead directly to the tractor oil tank without backlog.

The maximum pressure in the overflow oil line may not exceed 6 bar and the max. hose length may not be more than 10 metres.

### 2.1 Mounting of the overflow oil line on the axial piston motor



#### **CAUTION!**

**Before dismounting / mounting, place a tray underneath to collect any escaping oil!**

- Remove the sealing plugs using a 6 mm Allen key on the top side of the motor (Figure 1).



Figure 1

- Insert the screw-in fitting G14 M18x1.5 in the opening (Figure 2).
- Insert the T-piece in the screw-in fitting (Figure 2).
- On the outlet on the side, screw in the pressure gauge 0-25 bar incl. the reduction (Figure 2).
- Connect the 12 L hose (7 m) with the elbow on the T-piece (Figure 2).



Figure 2

- Route the overflow oil line along the already existing oil lines up to the tractor tank using the supplied cable ties (Figure 3).



Figure 3

- Coupling for the overflow oil line – this must flow into the oil tank without pressure. To avoid confusion with the connections, a coupling sleeve was used here (Figure 4).
- Coupling for the pressure line – oil flows to the control block of the PS (Figure 4).
- Coupling for the return line – oil flows without pressure from the control block to the oil tank (Figure 4).

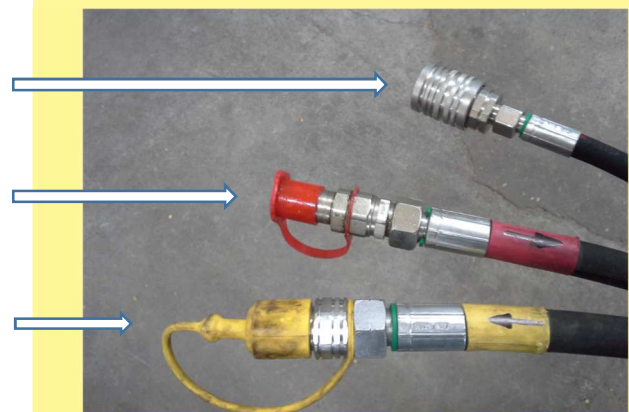


Figure 4



**CAUTION!**

If not yet available, a second unpressurised connection must be installed on the tractor! The overflow oil line may not be grouped with the tank line for the blower fan using a T-piece! This would certainly result in destruction of the seal on the axial piston motor.

# *Qualität für Profis*

*- seit 1997 -*



**APV – Technische Produkte GmbH**  
**HEADQUARTERS**

Dallein 15, 3753 Hötzelsdorf, Austria  
Telephone: +43 (0) 2913 / 8001  
Fax: +43 (0) 2913 / 8002

Email: [office@apv.at](mailto:office@apv.at)  
Web: [www.apv.at](http://www.apv.at)

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