

**MIS L11: Maintenance Procedure**  
**Gas/Hydraulic Tank Oil Level**  
05-02-11

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Maintenance Procedure on a Linear Actuator

# MIS L11: Maintenance Procedure

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## Checking the Fluid Level in Gas/Hydraulic Tanks

**WARNING:** Before servicing the Gas/Hydraulic Tanks, turn power gas off and bleed down the power storage tank (if applicable).



This procedure is to be used in conjunction with the following Maintenance and Service Manual.

Shafer Linear Actuator Installation and Service Manual	Bulletin LSM-01102001

### Oil Levels

To determine the OPEN and CLOSE tank, stand facing the hand pump; the OPEN tank will be to your Left and the CLOSE to your right.

#### 1-1/2 volume tanks

(Tank Tag, see Illustration 1)

Remove the diffuser (plug) on top of the tank and extend a tape measure down to the bottom of the tank through the opening at the top.

- a1. Determine actuator position (open or close).
- a2. If in the Open Position the open tank fluid level will be at the lower cap weld ring; sight glass or radius on a spun tank and the close tank will be at the upper cap weld ring; sight glass or radius on a spun tank.
- a3. If in the Close Position the close tank fluid level will be at the lower cap weld ring; sight glass or radius on a spun tank and the open tank will be at the upper cap weld ring; sight glass or radius on a spun tank.

### 1-1/2 VOLUME TANKS

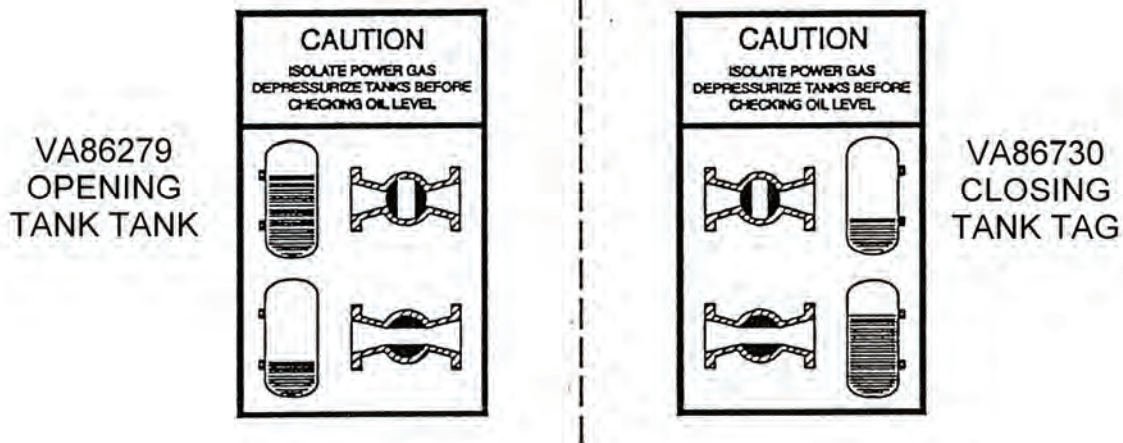


Illustration 1: OIL LEVEL TAGS