

SAILTEC, INC. 2930 CONGER COURT, OSHKOSH, WI 54904 USA

TEL: 920-233-4242

FAX: 920-233-8767

E-MAIL: info@sailtec.com

AIR LOCK

PROBLEM: Integral will not pump – Rod will not retract – No pressure obtained

The problem may be “air lock”: Too much air in the oil, preventing the check balls from seating or closing system. Air lock is most likely to occur after shipping or if the integral is not stored in an upright position in off-season. Possibly, if not used for a while.

Try this procedure first: Step One

Open the valve and pump the handle quickly for 30 – 60 seconds. Close valve. Pump the handle. Sometimes, if you’re lucky, this will release the trapped air. If it doesn’t pump, go to Step Two.

Step Two

Take integral off the boat.

Hold in an upright position.

In order to gain purchase, slide a dowel or the like, through the lower jaw, clevis (stand on it), and another through the upper jaw (grasp it).

“Plunge” the system: open valve and pull the piston rod out of cylinder. Then close valve and push the piston rod in. You may turn integral upside down and push rod into cylinder. Repeat the plunging three to four times. This action lubricates the parts and moves the check balls so they will set. The last time the rod is out/extended, close the valve and pump the rod in.

Store the integral upright for a few hours, more or less.

Quite often, after this procedure is performed, the integral will pump and hold pressure immediately. This procedure should return the integral to working condition.

If the problem is air lock, this procedure may need to be done more than once. If it does not work, call or e-mail Sailtec.