

## ATS TEST MACHINE PROCEDURE

### **Caution do not turn on the test machine without oil in it!!**

- In the Test Machine put a minimum of 10 liters of oil in the test machine.
- Set the indicator at the oil level on the test machine.
- Plug test machine in.
- Turn on heater element.
- The Heater element light should come on. Once it is on it will eventually turn off once the oil in the test machine is at the proper temperature. The temperature should be at 50-53 degrees Celsius.
- Put a fitting on one of the ends, of the black hose on the ATS machine.
- Get a 3 liter container for the oil and place the black hose into the container.
- Hit Fill - 30 - Start on the ATS machine and you should get exactly 3 Liters of oil into the container.
- Pour out the oil from the container back into the ATS machine
- Hook both black hoses on the ATS machine into the test machine and turn on the ball valves on test machine.
- Turn pump on the test machine.
- Push the PSI button on the ATS machine to see if you have pressure. If not, push the flow selector switch to make sure you have flow.
- Push the PSI button again on the keypad which gives the temperature sensor reading. Wait until the temperature reaches 50 degrees this checks the temp sensor
- To exchange 10 liters – push the exchange button on the ATS machine key in 10- Start
- After procedure the level of oil should be back to where the indicator is on the test machine.
- If over filling you need a bigger orifice, if it is under filling you need a smaller orifice.
- If this procedure did not work or you need help please call for technical assistance 1-888-467-4142

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### **Checking Test Relief Valve**

Connect the battery clamps on ATS machine to power

Hit the PSI Button for pressure reading which should read P.000

Put a Fitting on the end of the black hose and then put the hose into the fill neck on the new oil tank.

Hold the emergency fill button

Pinch the hose to create pressure. The Pressure relief valve should not open until 155-160 PSI. If it opens prematurely then you need to adjust pressure relief valve. How to do this go to next step.



### **Adjust Pressure relief Valve**

To adjust pressure relief valve you should loosen the nut and then tighten the top valve with an Allen key.

Tighten clockwise more pressure counter clockwise less pressure.

