



## Hydraulic Start-Up

Genesis attachments are designed to operate under full excavator pressure or up to 5500 PSI. Due to these high pressures, it is important to bleed air from the attachment cylinders after installation. Failure to follow these procedures could result in cylinder seal damage and/or excavator hydraulic system damage.

### Start-Up Procedure

Check the excavator hydraulic tank for proper fluid level.

The excavator oil should be warmed up before hooking up attachment lines in cold weather. If the oil is cold, air from the cylinder will be pushed into the oil tank, causing the oil to foam. This problem takes hours to correct and may cause pump cavitation.



Follow the OEM procedures for starting and warming the excavator hydraulic system. Do not operate the attachment circuit during the warm-up period.

After the excavator has reached normal operating temperature, set the engine to idle speed.

The attachment must be vertical. Do not allow the tank to run low - have someone watch the oil gauge.

Slowly fill the bore end of the attachment cylinders to partially close the jaws.

**Do not fully extend or retract the attachment cylinders during the first cycles**

Slowly fill the rod end of the attachment cylinders to open the jaws. Use partial strokes extending and retracting, slowly working to full strokes.

Stop and check the excavator hydraulic fluid level again to be sure there is still sufficient fluid. Service as required.

Cycle the attachment jaws five or six strokes before increasing to full operating pressure.

If you have hydraulic or other start-up questions, contact Tim at 218-349-5755, [talseth@genesisattachments.com](mailto:talseth@genesisattachments.com)