



Oil Not Dispensing From Tip

Start

Oil Tank is Empty

Yes

Fill Tank and Check Float for Problem

No

Oil Pump Stepper Drive has an Error

Yes

Click here to refer to Stepper Driver Error Flow Chart

No

Oil Pump Motor is Functional

No

Oil Pump Fuse Tests Good

No

Replace Fuse 2.25A P/N 154-1266

No

Oil Pump Fuse Holder Tests Good

No

Replace Fuse Holder P/N 153-1028

Yes

Motor is Receiving Power

Yes

Replace Motor P/N 158-8632

No

Check all wiring for Damage, or a Loose Connection

Oil Pump Belt is Secure

Yes

Valve is Receiving Power

No

Check All Connections to Oil Control Valve

Yes

Valve will Open and Close When Tested

Yes

Disassemble and Clean Oil Control Valve to Clear Obstruction

Option

Correct or Replace Belt as Needed P/N 164-9008

Oil Pump Has Failed

Yes

Take Apart Pump to Clean as well as Inspect Piston. If Broken Replace Pump P/N 154-1214

Replace Valve P/N 154-8298

Yes

Outputs 100ch06 and 100ch07 Test OK

No

Replace PLC P/N 158-1610P

No