

LUBEMINDER TROUBLESHOOTING GUIDE

Understanding the Pump



SYMPTOM	CAUSE	SOLUTION
Oil not getting to brushes	1) Pump needs to be primed 2) Dirty oil was used or chaf was pulled in from reservoir 3) Pinched line 4) Orifice in hydraulic fitting 5) Brass plunger screwed all the way up, not allowing piston to retract	1) Follow priming pump instructions 2) Flush oil reservoir to remove chaf. Pump and manifolds will need to be cleaned to remove dirt or chaf 3) Trace all lines to verify no pinches 4) Verify tractor hydraulic pressure. If under 2000PSI, orifice is restricting flow to cycle pump 5) Adjust brass plunger out (counter clockwise), providing more flow
Oil dripping out of brushes when not in use	1) Manifold valve dirty, causing one-way valve (Schrader Valve) to stay open 2) One-way valve (Schrader Valve) loose	1) Remove manifold, apply light compressed air to blow out chaf Replace one-way valve Replace manifold 2) Tighten one-way valve 1/4 to 1/2 turn
Tubing blows out of manifold	Tubing not pushed into ferrule far enough	If ferrule is damaged or not installed properly, cut off 1/4" of tubing with ferrule, install new sleeve nut and ferrule. Tubing to stick out 1/4" beyond ferrule.
Tubing blows out of brush	Brush fitting tube insert has damage	Replace brush assembly
Oil leaking out around manifold	Manifold not threaded in tightly	Torque manifold to 110 inch LBS
Oil leaking out around sleeve nut	Tubing not inserted into ferrule far enough	Cut tubing straight, using tubing cutter. Install sleeve nut, install ferrule, stick tubing into manifold, slide ferrule and sleeve nut down and tighten. Tubing to stick out 1/4" beyond ferrule.
Pump pushes oil back up into reservoir	Internal ball check has debris stopping the check ball from seating	Call LubeMinder Technical for cleaning method
Oil leaking out around brass plunger	O-Ring old and brittle or damaged	Call LubeMinder Technical for disassembly instructions
One brush out of multiple brushes is not lubricating	One-way valve dirty or has chaf in it	Remove manifold, apply light compressed air to blow out chaf Replace One-Way Valve Replace manifold
Oil reservoir continually has chaf pulled	Tank fill needs strainer	Call LubeMinder Technical to purchase a fill cap strainer
Too much oil coming out of brushes	1) Brass plunger adjustment is out too far 2) Oil will follow path of least resistance, short lines will provide more oil than longer lines.	1) Thread brass plunger in (clockwise) reducing oil to brushes 2) Install orifices into shorter lines, to restrict flow, allowing extra flow to go to longer distance lines.
Oil is free flowing through tubing when pump is deactivated	One-way valve (Schrader Valve) loose	Tighten one-way valve 1/4 to 1/2 turn