

TROUBLESHOOTING

CONDITION	POSSIBLE CAUSE	REMEDY
Implement fails to lift when lever is in raised position	Linkage out of adjustment	Adjust external and internal linkage
	Relief valve setting too low	Perform system relief valve pressure test
	Faulty safety valve	Repair or replace safety valve
	O ring failure (control valve body to cover, safety valve, relief valve)	Repair as required
	Excessive oil leakage past lift cylinder piston seal	Replace seal, piston, or cylinder as required
	Restricted suction filter	Replace
	Restricted sump screen filter	Replace or clean as required
	Unload valve does not close	Check unload valve operation
	Poppet valve remains open	Check poppet valve adjustment and operation
Lift arms cycle up and down when lever is in neutral position	Faulty poppet valve and seat	Repair or replace as required
	Faulty check valve and seat	Replace
	Faulty O rings (poppet valve and seat, valve cover, unload valve plug)	Inspect and repair as required
	Poppet valve out of adjustment	Adjust to proper clearance
Implement settles too fast when engine is stopped	Faulty check valve seat	Replace
Implement rises too slowly	Restricted suction filter	Replace
	Restricted sump screen filter	Clean or replace as required
	Pump capacity too low	Perform flow test and replace pump as required
	Faulty relief valve	Repair or replace as required
	Excessive leakage past piston seal	Inspect cylinder and piston. Repair as required.
	Faulty safety valve	Repair or replace as required
	Leaking O rings (relief valve, safety valve)	Repair as required
	Extreme cold weather operation	Change hydraulic fluid to NHF200

SECTION 35 - HYDRAULIC SYSTEM

CONDITION	POSSIBLE CAUSE	REMEDY
Implement will not lower	Poppet valve out of adjustment	Adjust poppet valve clearance
	Flow control valve in closed position	Open flow control valve
Implement does not raise to full height	Position control rod out of adjustment	Adjust position control rod
Hydraulic fluid overheats	Faulty pump	Replace pump
	Restricted suction filter	Replace
	Restricted sump screen filter	Clean or replace as required
Relief valve operates when implement is in full raise position	Position control rod out of adjustment	Adjust position control rod