TROUBLESHOOTING HINTS FOR FULL AND SEMI HYDRAULIC LIFTS

FOR SERVICE CALL

GILBARCO, INC.

GREENSBORO, N. C.

CONDITION	POSSIBLE CAUSE	METHOD OF REPAIR	SEMI	FULL
Jumpy operation	Oil level low	Add oil	X	
Rises & lowers too slow	a. Low air pressure	Check compressor	X	
	b. Airlines restricted	Check airlines	X	Oil lines
	c. Oil too heavy	Change to proper weight oil	X	X
	d. Orifice restricted	Clean	X	X
Rises & lowers too fast	a. All air in system	Check oil level	X	X
	b. Oil too thin or water	Check oil	X	X
Will not lift load	a. Low air pressure	Check compressor and gauge	X	X
	b. Oil valve broken	Repair		X
	c. Broken bearing	Replace cylinder	X	X
	d. Piping too small	Check installation instructions	X	X
When in raised position, lowers slowly	a. System losing pressure	a. Check air valve	X	
		b. Check fill plug and air vent plug	X	
		c. Check piping	X	X
		d. Leak in oil valve		X
When in lowered position, creeps up	a. Leaky valve	a. Check air valve	X	
		b. Check oil valve		X
		c. Valves in backward	X	X
Oil leak at cylinder	a. Packing	a. Replace	X	X
	b. Safety leg tube full of oil and dirt	b. Clean	X	X
	c. Plunger scratched or damaged with tools	c. Try to buff out	X	X
Oil blows out of exhaust muffler	a. Oil level too high	a. Drain oil to proper level	X	X
		b. Check compressor tank for water	X	X
		c. Change oil if mixed with water	X	X