

CONDITION	LIKELY CAUSE	CORRECTION
Hoist will not lift, or dump rated capacity	Too much payload (overload condition)	Remove material from container until the hoist can lift or dump the load Make sure payload is evenly distributed in container See hoist specifications for correct capacity ratings
	Hydraulic system malfunction	See 'Hydraulic system will not build/hold pressure'
Hoist operating slow See 'Hydraulic system will not build/hold pressure'	Pump worn or damaged	Repair or replace pump
	Incorrect bonnet kit adjustment	See hoist parts & installation manual for correct setting
	Hydraulic oil is cold	Allow hydraulic oil to warm up Consider a different weight of oil; see SwapLoader 'Hydraulic Oil Specs' sheet
Hoist will not operate	PTO will not come on and/or engage	See PTO supplier and/or installer
	Pump worn or damaged	Repair or replace pump
	Relief valve stuck open	Remove, clean & reset to specifications
	Dump valve stuck open (EHV application)	
Hydraulic system will not build/hold pressure (A pressure check of the system will need to be performed to verify. See SwapLoader 'How to Perform a Pressure Check' sheet)	Pump worn or damaged	Repair or replace pump
	Relief valve improperly set	Contact SwapLoader for adjustment instructions
	Relief valve stuck open	Remove, clean, and re-set to specification
Excessive wearing away of the main frame wear pads	Rough or damaged sub-frame longsills	Repair or replace longsills on container; grind off any weld burrs
Excessive jib hook or container lift bar wear	Lack of lubrication	Grease jib hook
	Container lift bar fabricated incorrectly	See proper hoist series sub-frame specifications drawing
Excessive container movement on hoist during transport	Container A-frame fabricated incorrectly; excess space between lift bar and front of container	See proper hoist series sub-frame specifications drawing for spacing dimensions
	Incorrect positioning of hoist rear rollers	Rear rollers on SwapLoader hoists can be positioned at 40-1/2" or 41-5/8" See SwapLoader 'Rear Roller Spacing' in the Operation section of this guide
	Incorrect longsill outside width dimension	See proper hoist series sub-frame specifications drawing for dimensions
Container lift bar rides high or loose in jib hook	Container A-frame fabricated incorrectly; lift bar positioned too high	See proper hoist series sub-frame specifications drawing for dimension
	Clamp bar adjustment on outer tube is too loose	See SwapLoader 'Outer Tube Clamp Adjustment' sheet
Jib operating slow (See 'Hoist operating slow' if both jib and lift/dump circuits are affected)	Incorrect jib lockout valve adjustment	See SwapLoader 'Jib Lockout Valve Adjustment' sheet
	Incorrect bonnet kit adjustment	See hoist parts & installation manual for correct setting
	Pump malfunction	See 'Pump will not build/hold pressure'
Jib squeaks/chatters during operation (See 'Hoist operating slow' if both jib and lift/dump circuits are affected)	Incorrect jib lockout valve adjustment	See SwapLoader 'Jib Lockout Valve Adjustment' sheet
	Incorrect bonnet kit adjustment	See hoist parts & installation manual for correct setting
	Pump malfunction	See 'Pump will not build/hold pressure'
Rear roller not turning	Lack of proper lubrication	Grease roller pin
	Contamination	Remove and clean pin; then grease
Seizing pins	Lack of proper lubrication at pinned connection	Grease pin
	Contamination	Remove and clean pin, then grease Replace pin and bushing if needed
Loose pins/bolts	Not tightened properly	Tighten to SwapLoader specifications; see hoist parts & installation manual
	Lack of proper lubrication	Grease all lubrication points per the hoist parts & installation manual
Hydraulic filter indicator gauge needle is in the red zone	Filter element is dirty or damaged	Replace oil and filter element
Oil foaming	Loose pump or tank inlet fitting	Tighten fitting
	Leak in inlet hose	Replace hose
	Damaged pump shaft seal	Replace seal
	Water in hydraulic oil	Replace oil and filter element
Interference/misalignment of subframe latch plates with hoist body lock	Incorrect placement of latch plates	See proper hoist series sub-frame specifications drawing for dimensions
	Incorrect position of body lock on hoist (for hoists with the bolt-on body lock option)	Move body lock to the correct bolt hole position on hoist pivot joint
Pump or control valve is hot	Low oil levels	Fill reservoir tank to the proper level
	Dirty Oil	Replace oil and filter element
	Relief valve stuck open	Remove, clean, and reset
	Relief valve improperly set	Adjust relief valve to SwapLoader specifications
	Improperly sized system component (pump, valve, hose, fitting, etc.)	Review application: replace with factory supplied or SwapLoader approved substitute
	Improper weight oil	Replace with correct oil; see SwapLoader 'Hydraulic Oil' specifications sheet
Hoist operates in "False Dump" mode (This happens when the hoist attempts a dismount and the jib fails to pivot around the front pins of the pivot joint, causing the hoist to go up into a dump instead of unloading the container)	Jib is not fully retracted	Retract jib cylinder completely
	Incorrect mast/safety latch assembly adjustment	See SwapLoader 'Mast Lock Adjustment' sheet
	Mast/safety latch assembly is binding	Repair/replace any damaged components See SwapLoader 'Mast Lock Adjustment' sheet
	Sub-frame latch plates are still engaged in the hoist body locks	Retract jib cylinder completely
Container comes loose during hoist dismount	A-frame fabricated incorrectly; excess space between lift bar and container wall	See hoist sub-frame specifications drawing
	Incorrect operation of hoist	See Operation section of this guide
	Truck does not move freely	Release the truck brakes See Operation section of this guide Operate truck on harder surface
	Container does not move freely	Grease and/or repair container rollers See Operation section of this guide
		Dismount container on harder surface
Hoist not loading the container straight	A-frame is not fabricated correctly	See proper hoist series sub-frame specifications drawing for dimensions
	Sub-frame is not attached square to container	Remove sub-frame and reinstall square to container
	Hoist rear roller is dragging	See 'Rear roller not turning'
	Hydraulic cylinders are out of sequence	Contact SwapLoader for steps to take