

### Troubleshooting Chart

Problem	Cause	Solution
Oil seal leaking	Gearbox overfilled	Drain to side plug hole
	Seals damaged	Replace seals
	Grass or wire wrapped on shaft in seal area	Check seal areas daily
Driveline yoke or cross failing	Clutch is froze	Slip clutches per "Run-In" instructions under "Slip-Clutch Protected Drivelines" on page 38.
	Shock load	Avoid hitting solid objects.
	Needs lubrication	Lubricate every 8 hours.
Driveline clutch is slipping	PTO engaged at high RPM	Slowly engage PTO at low engine RPM
	Cutting too fast	Reduce travel speed
	Scalping the ground	Raise cutting height
	Cutting over solid objects	Avoid solid objects
	Clutch is not properly adjusted	Adjust clutch per instructions under "Slip-Clutch Protected Drivelines" on page 38.
	Clutch plates are worn out	Replace clutch plates.
	Foreign object in clutch plates	Remove foreign object from between clutch plates.
Bent Driveline (NOTE: driveline should be repaired or replaced if bent)	Contacting frame	Reduce lift height in transport position
	Contacting drawbar	Reposition drawbar
	Bottoming out	Shorten driveline
	Binding up	Not lubricating enough
Driveline telescoping tube failing	Shock load	Avoid hitting solid objects
Driveline telescoping tube wearing	Needs lubrication	Lubricate every 20 hours
Blades Lock-up (Overlapped)	Tractor has instant on PTO	Engage PTO at low RPMs and then slowly increase engine speed. See Blade Engagement on page 31.
	Tractor has Instant off PTO	Slowly reduce engine speed to an idle & then disengage PTO. See Blade Disengagement on page 31.
Blades wearing excessively	Cutting on sandy ground	Raise cutting height
	Contacting ground frequently	Raise cutting height
Blades coming loose	Blades not tightened properly	Tighten blade hardware. See "Cutter Blade Maintenance" on page 37
	Improper deck attitude	Lower front of deck, see page 26
Blades breaking	Hitting solid objects	Avoid hitting solid objects
Blade carrier is loose	Blade carrier hardware not tight	Tighten to specified torque
	Running loose in the past	Replace gearbox output shaft and blade carrier
Blade bolt holes are worn	Blade hardware running loose	Replace blades and blade bolts if worn
Blade carrier is bent	Hitting solid objects	Avoid hitting solid objects and replace blade carrier
Excessive side skid wear	Cutting height not level	Adjust cutter height
	Soil abrasive	Adjust cutter height
	Cutting too low	Adjust cutter height
Excessive vibration	Hitting solid objects	Inspect area before cutting. Do not hit solid objects.
	Driveline bent	Replace driveline
	Blade carrier bent	Replace blade carrier
	Blades loose	Tighten blade bolts
	Blade broken	Replace blade
	Blade will not swing	Remove and inspect blade
	Blades have unequal weight	Replace both blades
High torque start-up	Disassemble and inspect driveline for incorrectly located needles or damaged bearing cap.	
Tailwheel support failing	Lowering too fast	Adjust rate of drop
	Hitting objects when turning	Reduce speed on turns