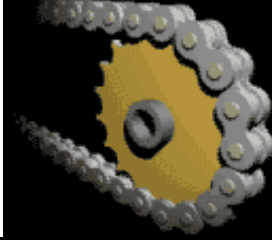


Chain Drive Troubleshooting Check Sheet

	Equipment Description:		
	Equipment Number		
	Manufacturer:		
	Horsepower		
	Sheaves:		
	Chain		
	Speed Equipment:		
Model No.		Bearings:	
Issue: Chain Drive		Checkbox	Things to consider
1	Drive making noise		Incorrect tension- check slack span for 2% deflection. Insufficient Lubrication, Worn Drive, Sprocket Misalignment, loose casings and bearings, Wrong pitch
2	Drive is running hot		Running too fast, insufficient or improper lubrication
3	Chain is catching or hanging on sprocket		Sprocket teeth are worn, contamination built up in the sprocket pockets, incorrect lubrication leading to sticking
4	Excessive Chain slack(whip)		Insufficient tension, Set deflection at 2 %, Chain wearing irregularly, Excess chain slack due to operation conditions- add idler sprocket or take-up. Irregular loading, stiff joints- replace chain or components
5	Chain is climbing out of teeth		Chain is worn, Contaminates in the teeth, Insufficient tension, Excessive slack, Chains and sprockets are not matched, insufficient chain wrap
6	Broken Pins, bushing and rollers		Chain speed is too high, build of contamination on chain and sprockets, shock loading, corrosion, improper lubrication, incorrect sprocket and chain, cotter pins striking an object, pins not installed properly
7	Excessive wear on sides of chain links and sprockets		Misalignment of the drive chain, slapping of chain into the guard, wrong sprocket or chain for application
8	Irregular or jerking or pulsing motion		Chain speed is too slow, chain tension low, foreign object obstructing operation, improper lubrication, incorrect number of sprocket teeth, poor fit of sprocket on shaft
9	Broken sprocket teeth		Shock loading: inconsistent feed, obstruction, damaged flights hanging up,