



PROBABLE CAUSES

PROBLEM	Excessive Oil	Exposure to Elements	Pried Over Sheaves	Contact w/ Obstruction	Insufficient Tension	Stalled Drive Sheaves	Constant Slippage	Rough Sheaves	Substandard Sheaves	Excessive Tension	Shock Load	Foreign Material	Excessive Dust	Drive Misalignment	Worn Sheaves	Excessive Vibration	High Ambient Temperature	Drive Underbelted	Inadequate Tension	Damaged Tensile Member	Incorrect Belts	Incorrect Drive Setup	Insufficient Take Up	Improper Matching	Mixed Old & New Belts	Non Parallel Shafts	Different Manufacturers	Belt/Pulley Incompatible	
Loose Cover & Swell																													
Weathering or "Craze" Cracks																													
Gouges																													
Spin Burn																													
Envelope Wear																													
Uneven Envelope Wear																													
Ply Separation																													
Side Split																													
Broken Belts																													
Belts Turn Over																													
Hardening & Premature Cracking																													
Belt Squeal																													
Excessive Stretch																													
Excessive Vibration																													
Belts Too Long At Installation																													
Belts Too Short At Installation																													
Mismatched Belts At Installation																													
Cut Thru on Top (Joined Belts)																													
Flange Wear (Synchronous Belts)																													
Web Fabric Wear (Synchronous Belts)																													
Tooth Shear (Synchronous Belts)																													

SOLUTIONS

PROBLEM	Lubricate Property	Clean Sheaves & Belt	Replace Belts	Provide Protection	Install Property	Check for Belt Length	Remove Obstruction	Tension Property	Free Sheaves	Replace Sheaves	File Smooth	Redesign Drive	Operate Property	Align Drive	Provide Ventilation	Check for Proper Belt	Check Machinery	Use Only New Belts	Use Single Source	Check Fit	Replace Pulleys	
Loose Cover & Swell																						
Weathering or "Craze" Cracks																						
Gouges																						
Spin Burn																						
Envelope Wear																						
Uneven Envelope Wear																						
Ply Separation																						
Side Split																						
Broken Belts																						
Belts Turn Over																						
Belt Squeal																						
Excessive Stretch																						
Excessive Vibration																						
Belts Too Long At Installation																						
Belts Too Short At Installation																						
Mismatched Belts At Installation																						
Cut Thru on Top (Joined Belts)																						
Flange Wear (Synchronous Belts)																						
Web Fabric Wear (Synchronous Belts)																						
Tooth Shear (Synchronous Belts)																						

