



TECHNICAL INFORMATION

GOODYEAR PD™ CAUSES OF PREMATURE FAILURE

TYPE OF FAILURE	CAUSE OF FAILURE	CORRECTIVE ACTION													
		Check Alignment	Adjust Tension	Check Horsepower Rating	Check Belt/Sprocket Compatibility	Replace Sprocket	Use Correct Sprocket Diameter	Eliminate or Control Condition	Clean and Protect Drive	Follow Proper Handling Procedure	Reinstall, Replace, Repair Flange	Remount Bushing and Sprocket	Change Sprocket Material	Use Inside Idler	Redesign Drive
Excessive Edge Wear	Misalignment or Improper Tracking	●													
	Bent or Rough Flange									●					
	Damage Due to Handling								●						
	Belt Too Wide				●										
	Low Belt Tension		●												
	Belt Hitting Obstruction								●						
Excessive Tooth Wear	Excessive Load			●											
	Belt Overtensioned/Undertensioned		●												
	Rough or Damaged Sprocket					●									
	Partial Belt Engagement	●													
	Bushing/Sprocket Assembly										●				
	Misalignment	●													
	Incorrect Match of Belt and Sprocket				●										
	Worn Sprocket					●									
	Sprocket Out of Tolerance					●									
	Soft Sprocket Material											●			
	Debris in Sprocket								●						
Apparent Belt Stretch	Change in Center Distance		●												
	Center Distance Fluctuates													●	
	Weak Drive Structure or Mounts													●	
	Worn Sprocket					●									
	Debris in Sprocket								●						
	Excessive Load			●											
	Sprocket Diameter below Minimum Recommendation						●								
	Excessive Low or High Temperature (-30°F to +170°F)							●							
	Exposure to Oil, Solvents, Harsh Chemicals							●							
Cracks in Backing	Excessive Low or High Temperature							●							
	Sprocket Diameter below Minimum Recommendation						●								
	Backside Idler											●			
	Exposure to Oil, Solvents, Harsh Chemicals							●							

GENERAL