



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
Tooth Shear	Excessive Load/Shock Load			●											
	Sprocket Diameter Below Minimum Recommendation					●									
	Less Than 6 Teeth in Mesh			●											
	Excessive Sprocket Runout					●									
	Worn Sprocket					●									
	Backside Idler													●	
	Incorrect Match of Belt and Sprocket				●										
Tensile Failure	Misalignment	●													
	Belt Overtensioned/Undertensioned		●												
	Excessive Load/Shock Load			●											
	Sprocket Diameter Below Minimum Recommendation					●									
	Damage Due to Handling									●					
	Debris in Sprocket or Drive								●						
	Excessive Sprocket Runout					●									
Excessive Drive Noise	Misalignment	●													
	Belt Overtensioned/Undertensioned		●												
	Excessive Load			●											
	Sprocket Diameter Below Minimum Recommendation					●									
	Backside Idler													●	
	Worn Sprocket					●									
	Damaged Flange									●					
	Excessive Belt Speed														●
	Incorrect Match of Belt and Sprocket				●										
Unmounting of Flange	Misalignment	●													
	Flange Incorrectly Mounted									●					
Belt Tracking	Misalignment	●													
	Center Distance Exceeds 8X Small Sprocket Diameter	●													
Excessive Pulley Wear	Soft Sprocket Material											●			
	Excessive Load			●											
	Misalignment	●													
	Debris in Sprocket								●						
	Belt Overtensioned/Undertensioned		●												
	Incorrect Match of Belt and Sprocket				●										
Excessive Drive Vibration	Bushing/Sprocket Assembly										●				
	Incorrect Match of Belt and Sprocket				●										
	Belt Overtensioned/Undertensioned		●												

GENERAL INFORMATION