**Stator Service Issues**

**Chunking**

Chunking occurs when the elastomer has been over-loaded and has fatigued, tearing away from itself.

- **Wear Mode: Slight Chunking**
  - <25% has chunked

- **Wear Mode: Moderate Chunking**
  - 26 to 50% has chunked

- **Wear Mode: Extreme Chunking**
  - >50% has chunked

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**Ribbing**

Ribbing is a mechanical type of failure where gouges, dents or depressions have been worn into the lobes.

- **Wear Mode: Ribbing**

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**Splitting**

Splitting occurs when the elastomer shows cracks in the rubber but has not yet chunked.

- **Wear Mode: Splitting**

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**Blisters**

Air bubbles or “blisters” seen on the surface of the elastomer. They are caused by gas absorbed by the rubber under pressure and the pressure is released quickly, causing explosive decompression.

- **Wear Mode: Blisters**

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**Debonding**

Debonding is a failure of the adhesive between the rubber and the bond surface.

- **Wear Mode: Partial Debond**
- **Wear Mode: Complete Debond**

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**PV Understands Stators!**

Effective wear management depends on selecting the optimum elastomer for the application and recognizing when remedial action is required. Your PV Fluid Products representative can offer advice on the causes of wear and solutions. This will help you reduce your cost of ownership and improve your operating hours.

For more information about typical rotor wear, call us at the location nearest you:

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