

Are coolant and other contaminants causing your motor to fail?

*Introducing a new patented insulation process called the **Ultra-Sealed Winding**[®]*

Introducing a new patented insulation process called the **Ultra-Sealed Winding**[®] from **Dreisilker Electric Motors**. The process was developed to create total protection against moisture, prevent corrosion, improve heat transfer from the coils to the frame and enhance winding rigidity. The **Ultra-Sealed Winding**[®] procedure involves insulating and sealing the winding through a mechanical and pressure process using a patented resin.

An **Ultra-Sealed Winding**[®] should not be confused with an encapsulated winding. Encapsulation only involves coating the coil ends, but when **Ultra-Sealed**, the coils are completely impregnated and sealed within **high molecular weight thermoset polymer resin**. There are two major advantages over traditional insulation methods. One is total protection against moisture. During in-house tests, windings have been completely submerged in synthetic cutting fluid for as much as 2 months without faulting to ground. The second advantage is more efficient cooling. The **high molecular weight thermoset polymer resin** is approximately 40 times more efficient at heat transfer than air.

Benefits of an Ultra-Sealed Motor

- **Runs 15% cooler than a motor with standard windings at full load.**
- **Increases motor service factor.**
- **Motor runs quieter and has reduced vibration.**
- **Call us to see if your motor qualifies for a 5 year warranty.**



High-Accuracy • Quick Turnaround • Materials On-Hand

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