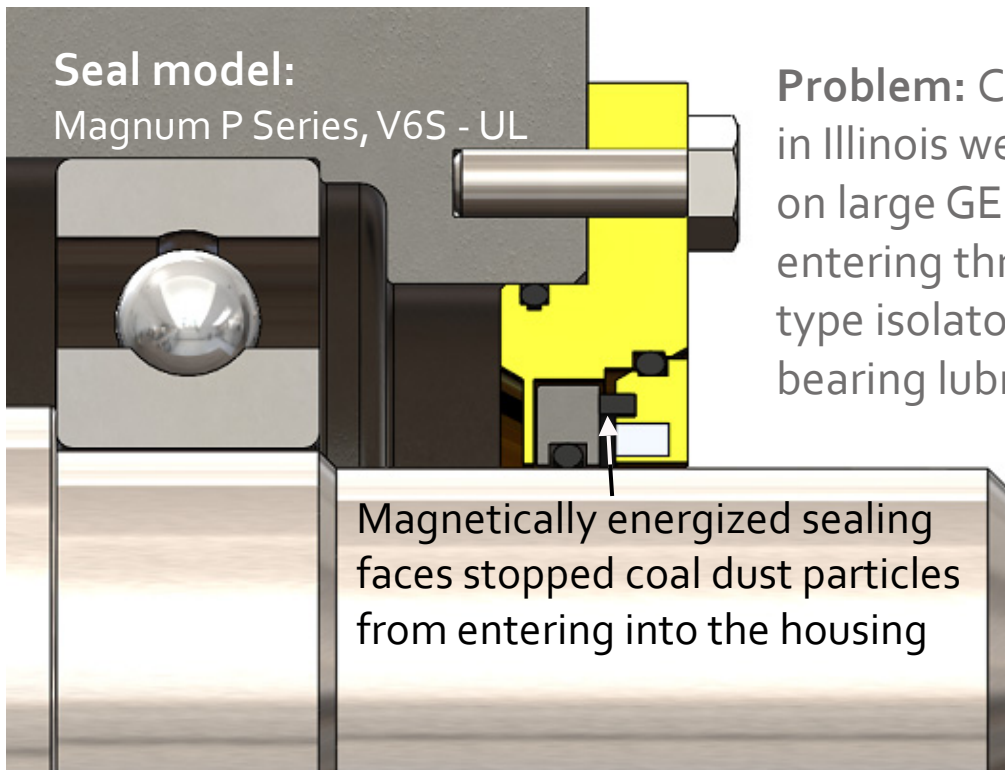




Isomag seals solve coal dust contamination issue for induced draft fan motors in coal fired power plants



Problem: Coal fired power plants in Illinois were having bearing issues on large GE motors due to coal dust entering through the default labyrinth type isolator and contaminating the bearing lubrication.

Operating Specs:
Motor: GE 6,000 HP
Shaft Diameter: 9 inch
Speed: 890 RPM
Lubrication: Forced circulation (1.5-2 GPM)

Solution: Replace the labyrinth type isolators with Isomag's magnetic face seals. Unlike labyrinths, Isomags create a positive seal eliminating contamination ingress and oil leaks.

Statement from approved re-builders for the Illinois Power Industry:

"The end user is very satisfied with Isomags performance. The seals installed in 2008 are still running leak free today."

Estimated annual savings: \$50,000

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