



Electric Motor Monitor

Keeping a watchful eye on electric motor temperature

Application Electric Motor Monitor

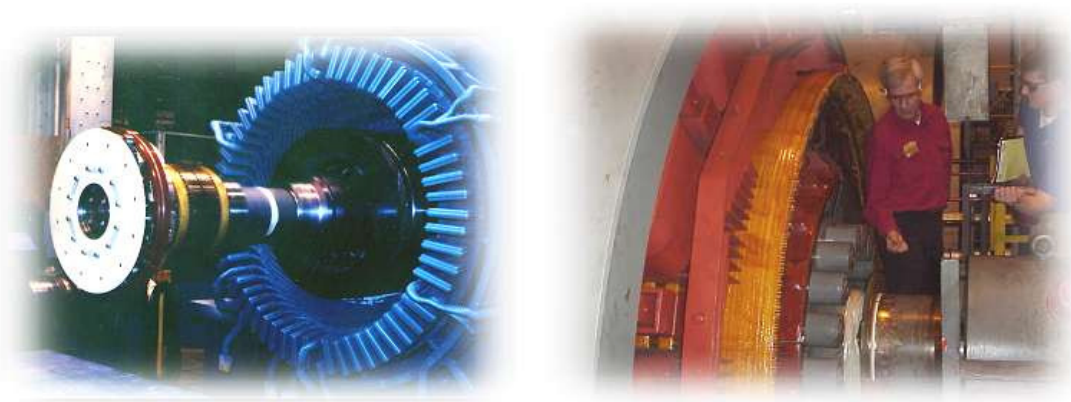
Keeping a Watchful Eye on Electric Motor Temperature

Industry: Manufacturing

Product: AT-7000, Motor Monitor

Parameters measured: Temperature

When Flanders Electric Motor Service provided drop-in replacement motors for a high-speed single-stand cold mill at Logan Aluminum, one of the key goals, in addition to increased production, was high reliability. A high percentage of all the aluminum beverage can stock used in the United States is processed by the Logan cold mill, and any down time has a significant impact on the output and profitability of the mill's owners.



As a result, when Flanders built the new motors for the Logan mill, they made sure to include an Accumetrics Motor Monitor to constantly monitor the temperature of the armature. By continuously monitoring the internal temperature of the motors, the motors can run at a safe but full rating. Additionally, the mill operators can shut down the mill before a rise in temperature causes damage that would require an expensive and time-consuming rebuild.

The Motor Monitor can also be configured to measure rotor voltages and currents, detect ground faults, and monitor shaft torque and torsional vibration. The Motor Monitor is a variation of the AT-7000 product line.



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