

Alliant Energy Generator gearbox temperature reduction



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We have used Cerma with STM-3 in a gear box which is 1 of 2 identical units. The one we treated was initially running 60 degrees hotter than the other one. We want them to run at no more than 180 degrees. The manufacturing company tried changing out the gears and in essence did everything they knew to try to make it run cooler with no success. At this time we shutdown said gear box and treated it with 8 oz. of Cerma with STM-3. Now instead of running 240 degrees like before it is down to 195 degrees something even the manufacturer couldn't accomplish. In the near future I will be treating at least 4 more gear boxes to reduce wear. We feel that this is cheap insurance as if even one of these gear boxes failed we would be looking at at least \$250,000 damage to our equipment.

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