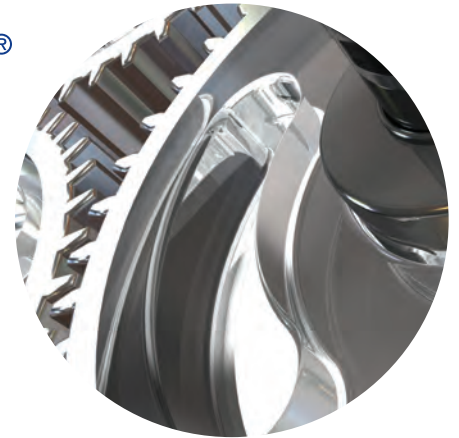




Proven Precision Dry Lubrication

# DICRONITE®



## Gearbox Temperature Reduction

### Situation:

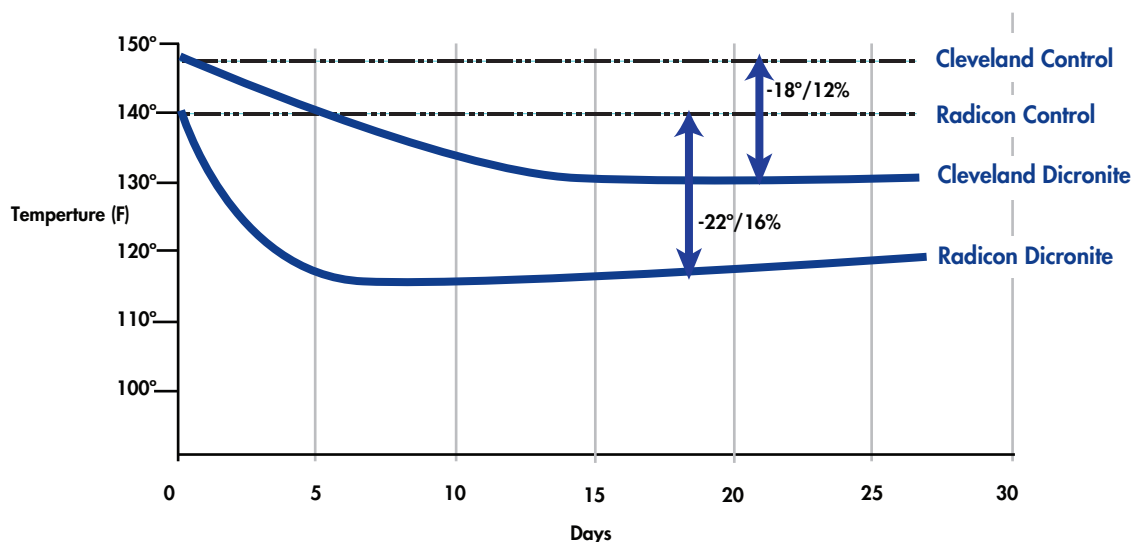
- A major paper manufacturer was experiencing unacceptable wear and out of cycle maintenance issues with a gearbox
- The issue was root-caused to critical temperatures in the gearbox during continuous operation
- The manufacturer was seeking a solution to lower gearbox temperatures by >10% without installing external cooling equipment

### Testing:

- Comparison:  
Radicon gearbox control vs. Diconite dry lubricated Radicon gearbox and Cleveland gearbox control vs. Diconite dry lubricated Cleveland gearbox
- Speed: 479 FPM (600 FPM max)
- Timeframe: 27 days continuous running

### Results

- Operating temperatures in the critical gearbox were reduced by 16%, exceeding the engineering requirement
- **Diconite dry lubrication** was incorporated as part of plant engineering requirements



Diconite is available throughout the world. For more information visit us at: [www.diconite.com](http://www.diconite.com) or contact Lubrication Sciences International at 800.874.4319 • 408.834.7442 • [inquiries@diconite.com](mailto:inquiries@diconite.com)