

CASE STUDY

TECPLEX
HIGH-PERFORMANCE GREASE

1460

STEEL MILL GREASE

TECPLEX® 1460 DRAMATICALLY CUTS CASTER BEARING WEAR & OPERATIONAL COSTS

Daubert's premium grease delivered enhanced wear protection and cost savings in steel mill trial.



THE CHALLENGE

Bearings in a continuous caster application can operate at temperatures around 100°C + with high loads and elevated water levels. Only a few greases can perform at a high level and reduce bearing wear in such conditions. However, steel mills looking to reduce their operating costs often turn to cheaper greases that carry upfront savings. This is not a cost effective solution in the long run.



THE SOLUTION

Daubert's TecPlex® 1460 grease has proven to perform in extreme conditions that casters produce. As shown in the trial to the right, TecPlex® 1460 offered superior wear protection in such conditions. This resulted in extended bearing life, optimized productivity and provided long-term operational savings.

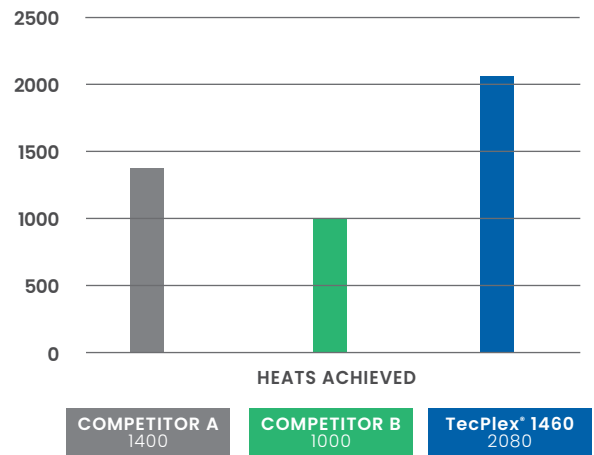


THE RESULTS

TecPlex® 1460 showed minimal oxidation and almost no bearing wear after being exposed to twice as many heats as the competitors. Inspections of other calcium sulfonate greases determined that the bearings showed too much wear to be recoverable at the 3-month maintenance schedule at 1,000 heats. The other two competitors heavily oxidized and ultimately failed.

\$294,000

ESTIMATED ANNUAL SAVINGS ON CASTER SEGMENT BEARING LIFE BY CHOOSING TECPLEX® 1460.



READY TO SEE THE TECPLEX® 1460 DIFFERENCE FOR YOURSELF?
Visit DaubertChemical.com to implement this premium grease into your steel mill operations.

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