



**It's not the Cost to Buy
It's the Cost to Use**

Bottom Line

The Bottom Line

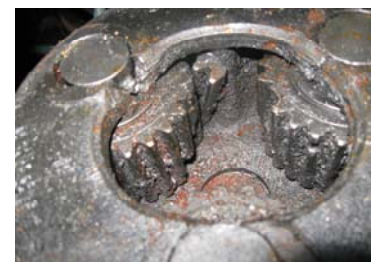
Schaeffer's #167 Moly Synthetic Gear Lube 75w-140 reduces temperatures by 20 – 30 degrees in the differentials and planetaries of our All Terrain Cranes reducing wear and increasing longevity and eliminating costly breakdowns.

The Operation

Sicklesteel Cranes, Inc (SCI) of Mount Vernon, Washington

The Story

Ron Bahr is Operations Manager for Sicklesteel Cranes, Inc. SCI has a large fleet of All Terrain Cranes which travel up and down the West Coast of Washington and Oregon. With the weight and speed required to move these pieces of equipment down the road, SCI was having issues with blowing planetaries (see pic) on several of the cranes. Heat caused by the weight, speed and torque of turning the cranes was an ongoing issue. When measuring the heat being generated from the planetaries, it was easily registering over 180 to 190 degrees on the rear axle. The rear axles take the majority of the stress when turning due to the trailing booster. When the last planetary went out, Ron reached out for Ray Summerlin of Schaeffer's. Ray suggested that we use the #167 Moly Synthetic Gear Lube 75w 140. After Switching the #167 Moly Synthetic Gear Lube, Ron saw a drop in temperature in the rear axle of 30 degrees after several trips. The rear axle now is running cooler than ever before. Ron has since switched all of the planetaries to the #167 Moly Synthetic Gear Lube. With cooler running temperatures on the planetaries, down time is no longer an issue as well as the costly repairs due to heat and failure.



Submitted by Ray Summerlin

SL-301-167-WA

This case history documents performance of superior quality lubricants in a specific application. It is not a blanket endorsement of any brand of lubricant by the company involved.

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