

Letter from Chris Goble – Mining

I just want to tell you how amazed I am with AmberTech. We tried AmberTech grease in the bucket pins of a 988H CAT loader. This is an application where greasing with normal grease is required every 10-12 hours of operation. The pins will start squealing if you don't grease them in that time frame.

On the day we started our test, the ambient temperature was about 52 degrees Fahrenheit at 10 a.m. We used a heat gun to calculate a temperature of 88 degrees Fahrenheit on the pivot point pin area. We greased the pins on the bucket until they were purged of the old grease.

The pins were doing great so we didn't grease them at the end of the shift. The next morning the ambient temperature was 56 degrees at 10 a.m. The pivot point was only 42 degrees. Obviously there was less friction, therefore, creating less heat. With such positive results we decided not to grease the pins, but to check them again later on. Ultimately we ran the machine 6 shifts, using the machine in situations where water was covering the pins, before we decided to grease again. At this point, the pins were still not squealing.

The next incredible part of this is the amount of grease used. With normal grease, the service man usually puts 7-10 pumps of grease in the pins, before it starts coming out. With AmberTech, even after running the machine for 6 shifts as opposed to the normal one shift, it only took 2 pumps of grease to fill the pins.

In conclusion, with AmberTech we saw the ability to run 6 times longer and then use 1/3 to 1/4 as much grease. With the decreased temperatures, we can see the reduction in friction.

AmberTech is the real deal.

Chris Goble
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