



Almagard® Vari-Purpose Lubricant (3752)

Constructors, Inc. – Lincoln, Nebr.

966 CAT Loader

- Eliminated squeaking noise
- Extended grease re-lube intervals from 2-3 times per day to once a day

Customer Profile

Constructors, Inc. is one of the largest construction companies performing highway and street construction in Nebraska. They have been an LE customer since 1983.

Application

Constructors, Inc. operates a Cat 966 loader, which is used to move crushed rock, gravel and recycled asphalt. This equipment is operated 10-12 hours a day.

Challenge

The environment that the equipment is used in is very hot and dusty in the summer and very cold in the winter. The bucket pins on the 966 Loader had to be re-lubed 2-3 times a day. The commercial grease they were using was running and pounding out of the pins.

LE Solution

Almagard® Vari-Purpose Lubricant (3752) was recommended because of its ability to stay in the pin/bushing area and not pound out. The customer had used Almagard 3752 in the past but had switched to a commercial grade grease, which cost less per pound.

Results

The operator was re-lubing the bucket pins 2-3 times a day. The commercial grease pounded out causing a squeaking noise. Since changing back to Almagard 3752,



the noise has been eliminated and re-lubing is done once a day, regardless of how long the equipment runs. The re-lube is done at the end of the day so the pins and bushings are protected with fresh grease overnight. It is also easier to apply after a day of running, when the pin area is warmer. Almagard 3752 is used year round. It is stored in the cab of the loader and a filled grease gun is kept on one side of the operator, near a heat vent, and 4-5 tubes are on the other side. Using this system they have had no problem applying Almagard 3752 year round.

Other Products Used

- Almasol® High Temperature Lubricant (1250)
- Almagard® Vari-Purpose Lubricant (3751)
- Monolec Multiplex® Lubricant (4622)

Thank you to Dan Hiers, and to John Krehmke, LE lubrication consultant (pictured), for providing the information used in this report.





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