

APPLICATION

Excavators

LE Solves Grease Wash-out Problem in Excavator Buckets

CUSTOMER TESTIMONIAL
Supplier of Ash Products

CHALLENGE

Grease washed out of bucket pins quickly due to heat & water, resulting in frequent downtime

SOLUTION

Almagard® Vari-Purpose Lubricant (3752)

RESULTS

- Extended regreasing intervals, reducing grease usage
- Increased productivity
- Nearly eliminated freezing of pins

Customer Problem

Located in the southern U.S., this company manufactures ash products for industrial and residential customers. The end product is an inexpensive alternative to concrete. The company has been an LE customer since 2013.

Application

Komatsu 200 PC excavators are used to remove raw material from pits for production processing.

Challenge

The buckets on the company's excavators are often submerged in water and experience temperatures as high as 93°C (200°F). The competitor's grease the company was using washed out of the bucket pins quickly due to the constant exposure to heat, humidity and water. Operators often had to stop work to regrease the pins. If they failed to regrease often enough, the pins froze up. This constant need for regreasing resulted in downtime and lost production.

LE Solution

Aaron Turner, local LE lubrication consultant, recommended LE's Almagard® Vari-Purpose Lubricant (3752) to help combat the effects of water and high temperatures.

Results

The operations director had his team immediately start using Almagard 3752 on the excavator bucket pins. After the switch, the constant regreasing was minimized and the problem of pins freezing up has been nearly eliminated. Operators were able to focus on production.

"This grease (Almagard) doesn't wash out when on the job," said the operations director.

As a result, they are using far less grease. More productivity, less downtime, and protected equipment are all good for the customer's bottom line.

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Not actual equipment; for illustration only

LE Solution (cont.)

Almagard 3752 is extremely tacky and will not wash off, pound out or melt and run, even in severe conditions. It is recommended for extended service applications and is ideal for off-road equipment where high impact occurs, as well as many in-plant applications.

Thank you Aaron Turner, LE lubrication consultant (pictured), for providing the information used in this report.



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