

1275 ALMAPLEX® INDUSTRIAL LUBRICANT

JERNBERG INDUSTRIES, INC., Chicago, Illinois

Yard Crane Wheel Bearings • SIC 3462 Iron & Steel Forgings

- **REDUCED WHEEL BEARING FAILURE FROM 1 PER MONTH TO 1 EVERY 5 YEARS**
- **REDUCED LINE DOWNTIME**
- **REDUCED GREASE CONSUMPTION**
- **TOTAL 5 YEAR SAVINGS OF \$350,000**

CUSTOMER PROFILE

Jernberg Industries Inc., based in Chicago, Illinois has been in business for about 60 years producing and supplying heavy forged materials primarily for the transportation industry. Their customers range from General Motors, Toyota, and Harley-Davidson, to small and medium sized businesses.



APPLICATION

Jernberg Industries currently has one outside P&H yard crane built in 1948 to unload their 8-ton steel bundles from flat steel trucks. This crane typically operates 24 hrs / 7 days a week even in the harsh Midwest weather conditions. It travels approximately ¼ mile from the steel receiving area to the holding area and will move 1,000 tons of steel per day.



AREA OF INTEREST

With such a heavy work load, this crane was

losing a wheel bearing per month, which cost Jernberg about 8-hours of downtime and nearly \$6,000 to fix the bearing. This also caused a significant

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backlog in the receiving area and in most cases stopped the production line.

LE SOLUTION

Jernberg Industries has been an LE customer for over 10 years. During this time Jernberg has been very pleased with the performance of LE's engine and transmission oils. When 1275 ALMAPLEX® Industrial Lubricant was recommended for this demanding and critical application, Jernberg did not hesitate to utilize it.

CUSTOMER COST SAVINGS

Mr. Ken Lopatka, Maintenance Supervisor, told LE Lubrication Consultant V.C.Vasisth, ***“Since we have started using the LE 1275 grease, our wheel bearing failure has gone from one failure per month to one failure every five years. Now, we only do PM checks every 16-18 month!”***

Mr. Lopatka also added that when commercial grade grease was being utilized it was necessary to grease more frequently and now with the 1275 grease they only grease once a month.



This has resulted in a significant 5 year savings of over \$350,000 in labor, new bearing and spare part costs not to mention a huge reduction in grease consumption!

Jernberg now utilizes the 1275 grease in many other similar applications.

OTHER PRODUCTS USED

- ⇒ 607 ALMASOL® Vari-Purpose Gear Lubricant
- ⇒ 1299 ALMAPLEX® Ultra-Syn Lubricant
- ⇒ 6404 MONOLEC® R&O Compressor/Turbine Oil



Ken Lopatka

We would like to thank Maintenance Supervisor, Mr. Ken Lopatka and LE Lubrication Consultant V.C. Vasisth for the information provided to prepare this report.



V.C. Vasisth