

Construction industry

Large fleet operators



*Thad Pirtle, VP Equipment Manager
Traylor Bros., Inc., Evansville, Indiana*



Automatic lubrication system solutions for major infrastructure project equipment

A well-managed fleet extends machine life, increases profits and creates a competitive advantage.

Traylor Bros., Inc., headquartered in Evansville, Indiana, is one of the top contractors in the United States with extensive experience in constructing tunnels, bridges, dams, wharfs, ports and other heavy civil projects. The company owns and utilizes an extensive equipment fleet that includes heavy-lift cranes, innovative tunnel-boring machines, wheel loaders, back hoes and tug boats.

Extreme retrofit makeovers

High performing machinery is the lifeblood of Traylor Bros.'s business. They have implemented an overhaul program that significantly increases a machine's lifespan. Breaking down a machine, bolt by bolt, and rebuilding it with wider cabs, more efficient engines, automated lubrication protection

and innovative safety features makes the machines adaptable to all geographic locations and applications.

The state-of-the-art technology and customization used in the rebuilds increases the lifespan and produces better-than-new machines.

Why Traylor Bros. uses Lincoln automatic lubrication systems

- **Proper and exact lubrication**

"Putting automatic lubrication systems on our equipment allows us to sustain the reliability over a longer period of time," said VP Equipment Manager Thad Pirtle of Traylor Bros. "Automatic lubrication helps us in the fact that it puts just enough grease in there to lubricate what it needs – doesn't over-grease it or under-grease it. It puts the right amount in there, which adds to the life of it, obviously."

"If you can get it greased properly and on regular intervals, it's going to last longer. That's where Lincoln greasing really comes into it."

Thad Pirtle
VP Equipment Manager
Traylor Bros, Inc.





• **Improper lubrication increases costs and impacts the bottom line**

“Normally, if you’re going to hand-grease it, that takes away from production time,” continued Pirtle.

“If you have a main crane or piece of equipment go down on the job, it has consequential costs associated with that. It’s not just the direct equipment cost and replacement of that piece of equipment cost, but the destruction in the production flow of that project. There is a big distraction there that we want to get away from.

“If the gear is properly maintained, kept in alignment and lubricated correctly, it has almost, I won’t say an infinite life, but close to it – far longer than what the equipment life is. We put autolube systems on all of ours now, as they are a critical component. You’re looking at anywhere from \$75,000 to \$150,000 a bearing and that’s not replacement cost, labor or anything else.

“There are three areas of benefit: one, the equipment lasts longer; two, it has a better resale value; and three, the reliability.”

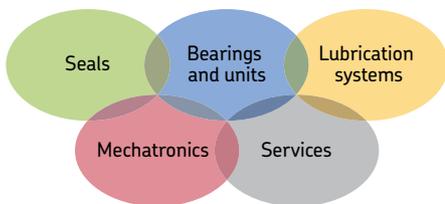
“As our maintenance program evolves and we see benefits to automatic lubrication systems, we will continue to expand the models that we put them on.”

Thad Pirtle
VP Equipment Manager
Traylor Bros, Inc.

Why choose Lincoln?

“We were looking for someone to partner with, a lubrication specialist, and that’s where Lincoln came into play. They provided us a product that we felt we could use and fit our needs,” said Pirtle.

“Lincoln’s distribution network is better across North America than anybody else’s. I mean, you can go about anywhere and get Lincoln. Lincoln’s a well-known name.”



The Power of Knowledge Engineering

Drawing on five areas of competence and application-specific expertise amassed over more than 100 years, SKF brings innovative solutions to OEMs and production facilities in every major industry worldwide. These five competence areas include bearings and units, seals, lubrication systems, mechatronics (combining mechanics and electronics into intelligent systems), and a wide range of services, from 3-D computer modelling to advanced condition monitoring and reliability and asset management systems. A global presence provides SKF customers uniform quality standards and worldwide product availability.

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