



## Mobil Dynagear 4000 Helps Canadian Mining Company Enhance Equipment Protection on Shovel Hoist

**Caterpillar BI495 Shovel - Hoist  
Mining Company  
Quebec, Canada**

### Situation

A Canadian mining company operates a BI495 shovel. In June 2011, Caterpillar revised their specifications for open gear lubricant in that particular shovel model's hoist and published a service notice. Company personnel approached ExxonMobil to identify a lubricant for the shovel hoist that met the new system specifications.

### Recommendation

ExxonMobil recommended **Mobil Dynagear™ 4000** open gear lubricant along with a performance study to evaluate the product. **Mobil Dynagear 4000** was formulated to meet the Caterpillar SD4713 specification and provide outstanding protection of heavily loaded gears while using solvent free technology to help reduce run-off during application.

### Result

Maintenance personnel were thoroughly impressed by the performance capabilities of **Mobil Dynagear 4000** open gear lubricant. Results of the performance study indicated the new hoist lubricant performed well, maintained its characteristics while in service and helped to protect the gears. The company estimates the change will result in improved production reliability and reduced equipment maintenance, costs that can be significant for a shovel. Confident in the enhanced protection, the company has since transitioned three of its shovels to **Mobil Dynagear 4000**.

The product performance of **Mobil Dynagear 4000**, alongside the application expertise provided by local ExxonMobil engineering support, is helping to improve customer productivity potential.



*Mobil Dynagear 4000 open gear lubricant helped this mining company enhance equipment protection and prevent unscheduled downtime.*

**For more information on Mobil Industrial lubricants and services, call your local company representative or visit [mobilindustrial.com](http://mobilindustrial.com)**

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This Proof of Performance is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.