

Mobil Delvac 1300 Super helps steel and mining company extend oil drain intervals by 50 percent*



Objective

Increase equipment availability by extending oil drain intervals

- Caterpillar 793 trucks : ArcelorMittal
- Quebec, Canada

Situation

ArcelorMittal, the world's largest integrated steel and mining company, operates a number of Caterpillar 793 trucks at its iron ore mine site in Mont-Wright, Quebec, all of which use Mobil Delvac™ 1300 Super 15W-40. After 500 hours in use, each truck was taken off the job for routine service, including oil changes.

Because each truck being serviced was out of operation for 24 hours, the company approached the experts at Imperial Oil, an ExxonMobil subsidiary, for a lubricant solution capable of helping extend oil drain intervals and increase equipment availability.

Solution

After proper evaluation, the technical experts at Imperial Oil put together a program that consisted of extensive used oil analysis to monitor oil drain extensions to 500, 750, 1,000 and 1,100 hours of service.

The mine's maintenance team has since elected to change oil and service trucks following consumption of approximately 95,000 liters of fuel, or between 750 and 850 hours of service.

\$350,000

In company-estimated annual savings



Results

After implementing used oil analysis, ArcelorMittal recognized the long-term benefits of using **Mobil Delvac 1300 Super 15W-40** heavy-duty diesel engine oil.

The company reports that **Mobil Delvac 1300 Super 15W-40** has helped extend oil drain intervals by more than 50 percent, increasing equipment availability and reducing overall maintenance costs. Together, these benefits have helped generate a company-estimated annual savings of US \$350,000.



50%

Extension in oil drain intervals

Benefits of Mobil Delvac 1300 Super

Superior soot-viscosity control

Outstanding thermal and oxidative stability

Excellent oil consumption control

Excellent low temperature pumpability

Advancing productivity

Our lubrication solutions - high performance lubricants backed by application expertise and services - are designed to help you get the most out of your operations.

Safety

Long oil and equipment life, as well as powerful wear protection, can help reduce maintenance and the risks associated with employee-equipment interaction.

Environmental care**

Longer oil and equipment life can help reduce oil consumption and waste disposal.

Productivity

Mobil Delvac 1300 Super can help increase equipment in-service time, increasing productivity without compromising the protection of engines operating in demanding applications.

For more information on Mobil Delvac 1 and Mobil Delvac lubricants or to directly contact your nearest ExxonMobil Distributor, visit mobildelvac.com



**Advancing
Productivity™**

Copyright © 2016 Exxon Mobil Corporation. Mobil, Mobil Delvac, and Mobil Delvac 1 are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless otherwise noted. For the purposes of this document, ExxonMobil shall include Exxon Mobil Corporation and its affiliates.

*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.

**Visit mobilindustrial.com to learn how certain Mobil-branded lubricants may provide benefits to help reduce environmental impact. Actual benefits will depend upon product selected, operating conditions and applications.

HIPOP 2013-048