

Mobil Delvac™ MX 15W-40 helps TATA Steel Limited achieve 2.5 times longer oil and filter life for overall annual savings



### Objective

Enhance oil drain interval and filter life of Euclid-Hitachi dumpers.

- **Company:** TATA Steel Limited
- **Location:** Jamshedpur, India

### Situation

TATA Steel Limited, Jamshedpur operates eight dumpers, mostly Euclid-Hitachi, powered by Cummins engines. For several years, the fleet maintenance team was using a third-party 15W-40 diesel engine oil. However, they were experiencing a short oil drain interval, as well as filter life of just 250 hours, which resulted in excessive dumper downtime and increased maintenance costs.

### Solution

After thorough evaluations, the ExxonMobil technical team recommended that TATA Steel Limited use **Mobil Delvac™ MX 15W-40**.

**Mobil Serv™ Lubricant Analysis** was also conducted for regular condition monitoring of the oil.

Mobil Delvac™ MX 15W-40 helped the customer extend the ODI and filter life of its dumpers by 2.5 times, reducing maintenance downtime.

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# 2.5x

Extended oil and filter life.

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## Results

The performance of **Mobil Delvac MX 15W-40** was monitored through **Mobil Serv Lubricant Analysis**. It was found that ODI had been extended up to 640 hours from the previous ODI of 250 hours, an increase of 2.5 times. The analysis also revealed normal physiochemical properties and elemental wear. Along with extended filter life of 2.5 times, it led to increased wear protection and reduced downtime, resulting in annual savings of US\$5,057.



Overall annual savings of  
**US\$5,057**

### Features & Benefits of Mobil Delvac™ MX 15W-40

Stay-in-grade shear stability provides wear protection and viscosity control

TBN reserves in oil enables deposit control and acid neutralization

Improved soot handling results in improved viscosity control and used oil pumpability

### Advancing productivity

Our outstanding lubricants and service programs harmonize into Advancing Productivity, helping take your business to new heights.



#### Safety

Long oil and equipment life, as well as powerful wear protection, can help minimize maintenance needs, hence minimizing human to machine interaction.



#### Environmental care\*

Long oil life can help lessen waste oil disposal and negative environmental impact.



#### Productivity

Outstanding wear protection for longer component life reduces unscheduled downtime and ensures equipment availability.

For more information on Mobil and Mobil Delvac lubricants or to directly contact your nearest ExxonMobil Distributor, visit [mobildelvac.com](http://mobildelvac.com)



**Advancing  
Productivity™**

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. Images featured may not be representative of actual site conditions or environment.

\* Visit [mobil.com/industrial](http://mobil.com/industrial) 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.

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