

7,5 % Fuel Economy and Savings of 4600 Euro per year with Mobil Delvac 1 LE 5W30

Quarry, CVL off highway – VOLVO A35D Dump Truck
Cheia, Cluj County Romania

Situation and Objectives

During an assessment at client's maintenance department it was established that the client is using Mobil Delvac MX 15W40 lubricant for a Volvo A35D Dump Truck – which worked in very hard conditions of dust, high temperature variations and intense exploitation. This lubricant was changed with Mobil Delvac 1 LE 5W30 lubricant to take advantage of the potential benefits which can occur by upgrading. Among the benefits targeted by this upgrade were: fuel economies, extended oil change intervals, reduced lubricant consumption, a reduction in revision time and most importantly, an increase in production and decrease of costs.

Recommendations and Solutions

Our recommendation for the customer was to change the lubricant for the dump truck from Mobil Delvac MX 15W-40, lubricant which was proving to be effective for up to 500 work hours, to Mobil Delvac 1 LE 5W30 – fully synthetic lubricant with a target of 1,000 work hours between oil changes.

The oil change interval was tracked by our lube engineer using Signum Oil Analysis in order to minimize downtime and unpredictable maintenance. Fuel consumption was also expected to decrease. All these factors were meant to contribute to increased productivity and reduction in costs. The customer agreed to our proposal and the testing commenced.

Results and Benefits

After 600 working hours of intense off-highway, Signum Oil Analysis revealed that the lubricant was still in a perfect state and expected to be functioning for another 500 work hours.

Close monitoring of the Volvo A 35D dump truck for a period of 6 months has revealed a proven a fuel economy of 7,5%, a doubling of the oil change interval and a reduction in operating costs of 4,600



For more information on Mobil Delvac 1 and other Mobil Delvac lubricants, please call us, your local Mobil commercial vehicles lubricants distributor, on **0040264-413372** or visit **www.starlubricants.ro**



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STAR LUBRICANTS

Dan Butoi
Sales representative



SC STAR LUBRICANTS SRL
Traian Vuia Street 89, Cluj - Napoca
J12/1984/2002; RO14938236 Cap Soc 1 milion lei
www.starlubricants.ro