

AEP extended drain intervals, reduced oil usage and waste oil disposal

Caterpillar 3508 (Main) and John Deere 4045 (Auxiliary) | AEP River Operations



Energy lives here™

Mobil Delvac 1™ ESP 5W-40 oil enabled AEP to cut both its engine oil usage and waste oil disposal by an average of 80 per cent, extend oil drain intervals from 500-1,000 hours to more than 5,000 hours, and reduce overall downtime.

Situation

St. Louis-based AEP River Operations embarked on a strategy to reduce emissions while improving the performance and reliability of its fleet. To support the implementation, AEP selected Mobil Delvac 1™ ESP high-performance, heavy-duty diesel engine oil to replace the conventional mineral oil in three boats' main and generator engines. To monitor engine and oil conditions, AEP utilized ExxonMobil's Signum™ Oil Analysis program.

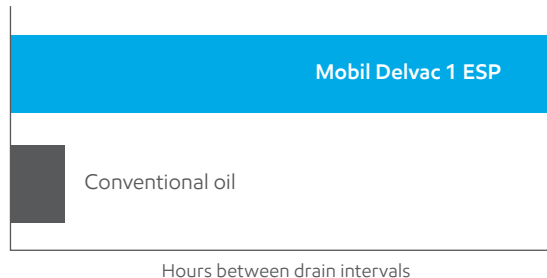
Impact

The change to Mobil Delvac 1 ESP oil helped AEP River Operations reduce its downtime, improving fleet performance and reliability and lowering costs. According to AEP River Operations, "We've been a leader in the river transportation industry for more than 40 years and are always looking for ways to work smarter and safer. Mobil Delvac 1 ESP oil is one of the ways we're doing this. Our results prove it."

Recommendation

Compared to conventional oils, Mobil Delvac 1 ESP oil helped decrease oil consumption, extend oil drain intervals, reduce waste oil disposal, improve equipment reliability, and lower overall operating and maintenance costs. As AEP increased oil drain intervals, oil samples were tested on a monthly basis. Results provided assurance that Mobil Delvac 1 ESP oil was working as intended.

Mobil Delvac 1 ESP oil **extended oil drain intervals** to 5,000+ hours.



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.

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