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Getting closer to your business

PT. HARAPAN JAYA PRIMA OVERCOMES BIODIESEL CHALLENGES

Using Delo® Gold Ultra SAE 15W-40 engine oil helps leading bus operator to maintain oil drain intervals (ODI) across fleet of Japanese and European vehicles, despite using fuel with higher biodiesel content.

THE CHALLENGE

- Indonesia mandated the use of B30 biodiesel in 2022 and B35 biodiesel in 2023.
- However, biodiesel is harsh on the engine as it causes engine oils to experience greater fuel dilution, oxidation and in turn, rapid degradation.
- With a higher biodiesel blend ratio, oil drain intervals would be reduced for its 400-bus fleet, resulting in more down time.



COMPANY:
Pt. Harapan Jaya Prima

LOCATION:
Tulungagung , East Java

APPLICATION:
Bus fleet for transit, tourist and overnight trips

EQUIPMENT:
Hino: RN285, AK
Mercedes Benz: 1626, 1836, OF917, OF1623
Scania: K360, K410
Mitsubishi Fuso Canter

THE RESULTS

Caltex Business Solutions offered guidance throughout the changeover process and monitored the condition of oil throughout the trial phase. It was found that even as the biodiesel content increased, the oil drain interval remained the same, whilst using Delo Gold Ultra engine oil.

Despite increased biodiesel content in fuel:

Maintained ODI across distances of:

20KKM for Japanese brands

25KKM for European brands

Less time in workshop contributes to **Increased productivity**

1 Oil Filter

for entire oil lifespan

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Mr Bintoro,
Workshop
Manager

“We are very satisfied with the results of using Caltex engine oils. By allowing us to maintain oil drain intervals of 20,000km for Hino buses, and 25,000km for Scania and Mercedes buses, we have reduced maintenance costs and increased profits.

THE RECOMMENDATION

The Caltex Advisory Team, together with the distributor PT. Bangkit Global Makmur, assessed the situation and determined the customer needed an engine oil that is compatible with biodiesel.

The recommendation was to use Delo Gold Ultra SAE 15W-40. The engine oil has proven biodiesel compatibility, and performed well on the field even in severe operating conditions like the mining and construction industries.

Delo Gold Ultra has OEM approvals from:
Cummins, Daimler, Detroit, Mack, MTU, Renault and Volvo.





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