

# CASTROL® VECTON® LONG DRAIN 10W-30 CK-4

## *Extends Quarry Service Intervals By Four Times*



### Customer Situation

- A regional stone quarry was open to options to extend their engine service intervals, reduce fixed maintenance costs, and increase productivity by reducing scheduled maintenance on their off-road equipment
- The quarry operates a mixed fleet of approximately 20 units including excavators, wheel loaders, haul trucks among others with different makes and models
- The 15W-40 diesel engine oil used prior to Castrol was not able to offer extended service intervals when compared to the Castrol solution



### Castrol Solution

- Castrol recommended converting all off-road engines to VECTON Long Drain 10W-30 CK-4
- A critical component, the Castrol Labcheck® used oil analysis program was used to safely extend drain intervals
- Engine service and filter change intervals were extended from 250 hours to 1,000 hours (with a number of services out as far as 1,200 hours)



### Success Story

- Used oil analysis results for VECTON Long Drain 10W-30 CK-4 in the off-road equipment engines showed little or no wear issues, little or no fluid degradation, and continued protection beyond 1,000 hours of service
- VECTON Long Drain 10W-30 CK-4 extended the engine service interval four times the original interval of 250 hours
- Factoring in savings on oil, filter and labor, this customer has experienced an annual savings of \$20,000 across its fleet



### Delivering Value That Matters

By switching to Castrol VECTON Long Drain 10W-30 CK-4 premium semi-synthetic diesel engine oil, this customer was able to achieve annual savings of \$20,000, which equates to \$1,000 per unit.

### Go-Forward Maintenance Recommendations

- Fill and service engines in off-road quarry equipment with VECTON Long Drain 10W-30 CK-4
- Monitor used oil analysis results with Castrol Labcheck to verify safe extended drain intervals



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