



## CASE STUDY

CUSTOMER

GOLD MINE

LOCATION

PAPUA NEW GUINEA / 2018

EQUIPMENT

CAT HAUL TRUCKS

APPLICATION

ENGINE OIL

ROI

\$

EXTENDED  
OIL CHANGESEXTEND  
ENGINE  
REBUILDS

\$1,450,000

Equipment reliability is the primary cost consideration for mining operations. Mobile equipment costs are ever increasing from operation, labour requirements, and capital investment of replaceable fluids, filters and failed components. OEI cleanable magnetic filters are proven to maximize equipment uptime and operating life to improve profitability.

## CHALLENGE

Extend engine oil change interval and rebuild times. The CAT 785D haul trucks at a gold mine were experiencing frequent engine failures due to wear contamination. The mine required a solution for equipment downtime and lost productivity.

## SOLUTION

Install OEI ADD-Vantage 9000 engine oil filters on 6 haul trucks.

## RESULTS

In 1 year, the OEI filters saved the mining operation \$1,450,000 by extending mean time to failure, extending oil change intervals and extending rebuild times.

The results were so compelling that after only 1 year the mine outfitted an additional 36 haul trucks with the OEI ADD-Vantage 9000 filters.

The mine intends to outfit their full fleet of CAT 789D haul trucks with OEI filters to protect their coolant systems, engines, hydraulics, wheel motors and fuel systems.

PRODUCT  
RECOMMENDATION

ADD-VANTAGE 9000



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