



The use of
Shell Rimula R4X 15W-40
delivers measurable savings for
Resolute Mining.



Case study

Resolute Mining (Senegal)

A large-scale gold mining and power generation operation supplying reliable energy for continuous production.

Client testimonial



Challenge

Senegal – Resolute Mining aimed to reduce maintenance frequency and lower overall operating costs for its power generation plant.



Solution

Vivo Energy recommended Shell Rimula R4X 15W-40, a high-performance diesel engine oil designed for extended oil drain intervals. Supported by Vivo Energy's Oil Condition Monitoring (VE-OCM) program, the trial extended the ODI from 250 hours to 500 hours while ensuring engine protection and performance consistency.



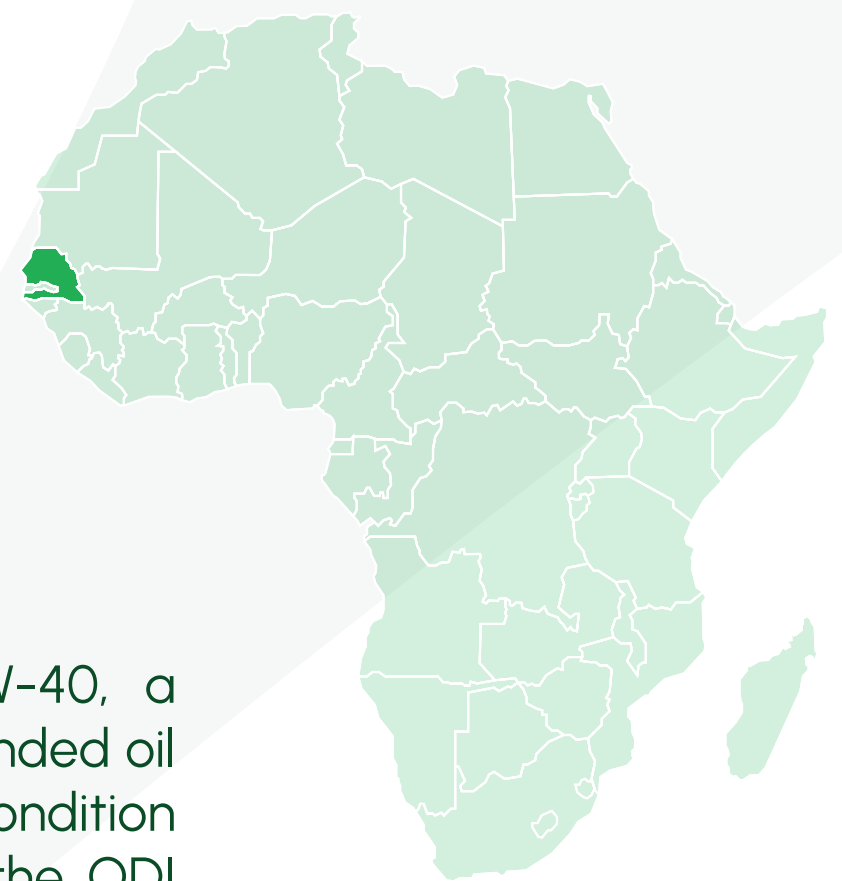
Outcome

The trial demonstrated a 100% extension in oil drain intervals with no component failures or lubricant degradation recorded during the test period.



Value delivered

With extended ODI, Resolute Mining achieved annual savings of 320,945 USD across 11 Caterpillar gensets, driven by reduced oil consumption, lower maintenance frequency, and improved operational uptime.



Product used

Shell Rimula R4X 15W-40.

Support provided

Vivo Energy's Oil Condition Monitoring (VE-OCM) and technical support.

