

Mobil DTE™ Oil Heavy Medium helps Bogó-Medellín Milling Co. Inc. save more than US\$10,400



Energy lives here™

Murray/Worthington Turbine Generators | Sugar Mills | Medellín Cebu, Philippines

SITUATION

Bogó-Medellín Milling Co. Inc. runs its turbines non-stop throughout the season causing the gearbox and gear coupling to operate under extreme conditions at high operating temperatures. In turn, condensation and moisture cause oil contamination leading to a need for frequent oil drain and topping up to maintain oil quality. In the past, Bogó-Medellín Milling Co. Inc. also experienced turbine gear coupling failure from the oil used previously, resulting in high maintenance costs.

RECOMMENDATION

Mobil DTE™ Oil Heavy Medium was highly recommended for protection from sources of oil contamination due to its superior water separation, high level thermal stability, air release and resistance to foaming thus maximizing oil usage.

Benefits of using **Mobil DTE Oil Heavy Medium**:

- Low oil monthly top-up
- Reduced maintenance cost
- Excellent equipment protection
- Equipment reliability, efficiency and productivity

BENEFIT

Mobil DTE Oil Heavy Medium has helped Bogó-Medellín Milling Co. Inc. increase operating efficiency through lower oil consumption as well as save on operating and maintenance costs.



IMPACT

Mobil DTE Oil Heavy Medium provides superior performance in steam turbine generators resulting in long oil charge life in circulation systems and reduced oil replacement with a significant saving of more than US\$10,400. This includes saving on operating loss, maintenance costs, spare-parts costs, oil wastage and labor service repair. The performance of **Mobil DTE Oil Heavy Medium** has helped to improve the ExxonMobil customer's productivity potential.

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POP 2015-304

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