

A CLARK-RELIANCE COMPANY

Lube Type: ChevronTexaco GST 32

Machine MFG: General Electric

Machine MOD: Frame 7

Machine Type: Industrial Turbine

Received: 10/06/2017

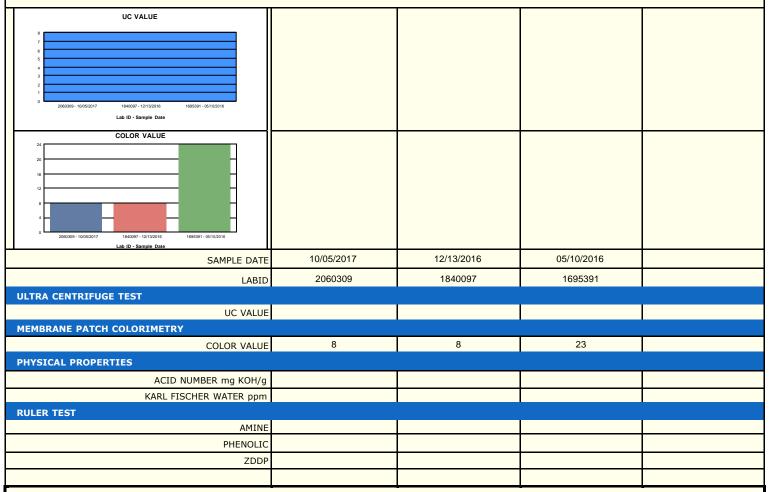
Unit 1 Gas Turbine - Varnish

 Report:
 10/13/2017
 2:21:00PM
 Ken Kaihlanen

 Sample No:
 2518-85-2001
 Crockett Cogen

Observations/Recommendations

The current test results indicate a low level of degradation by-products associated with varnishing. Please continue routine sampling to monitor the trend in the level.



Case Study

OFS installed a 10 GPM Varnish Removal System on this 6,200 Gallon Turbine Lube Oil Reservoir, which was showing elevated levels of varnish contamination as measured by MPC.

After six months of continual recirculation using OFS "Granular Adsorbent Media" at operating temperature, varnish levels dropped from MPC 23 to MPC 8.

After continual recirculation for another 10 months, the varnish level was maintained at MPC 8.