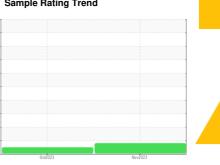


OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id **2422** Component

Biogas Engine

NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

The copper level is abnormal. All other component wear rates are normal.

Contamination

Fuel content negligible. There is no indication of any contamination in the oil.

Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

0x2023 Nov2023	
SAMPLE INFORMATION method limit/base current history1 hi	story2
Sample Number Client Info PCA0111230 PCA0099784	
Sample Date Client Info 28 Nov 2023 25 Oct 2023	
Machine Age hrs Client Info 49707 48904	
Oil Age hrs Client Info 947 954	
Oil Changed Client Info N/A N/A	
Sample Status ABNORMAL NORMAL	
CONTAMINATION method limit/base current history1 hi	story2
Water WC Method >0.1 NEG NEG	
Glycol WC Method NEG NEG	
WEAR METALS method limit/base current history1 hi	story2
Iron ppm ASTM D5185m >45 24 25	
Chromium ppm ASTM D5185m >2 0 0	
Nickel ppm ASTM D5185m >2 0 0	
Titanium ppm ASTM D5185m 0 0	
Silver ppm ASTM D5185m >5 0 0	
Aluminum ppm ASTM D5185m >10 1 <1	
Lead ppm ASTM D5185m >5 2 <1	
Copper ppm ASTM D5185m >14 ▲ 15 6	
Tin ppm ASTM D5185m >13 <1 0	
Vanadium ppm ASTM D5185m 0 0	
Cadmium ppm ASTM D5185m 0 0	
ADDITIVES method limit/base current history1 hi	
-	story2
•	story2
Boron ppm ASTM D5185m 0 0	story2
Boron ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 0	story2
Boron ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m <1	story2
Boron ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m <1	story2
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Boron ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m <1	story2



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