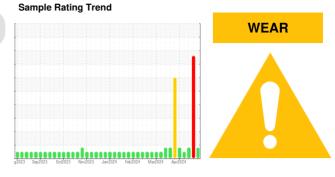


OIL ANALYSIS REPORT



Machine Id Hancock CAT 3 (S/N 3RC00176) Biogas Engine Fluid

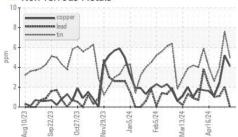
CHEVRON HDAX 9500 GAS ENGINE OIL 40 (95 GAL)

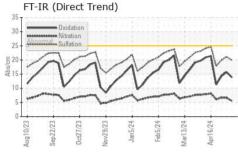
DiACNOSIS SAMPLE INFORMATION method imitodase current imitodase Nuccession ▲ Recommendation No corrective action is recommended at this time. Resample at the next service interval to montor. Sample Date Client Info 15 May 2024 09 May 2024 09 May 2024 00 May
No corrective action is recommended at this time. Sample Date Client Info 15 May 2024 09 May 2024 02 Max Wear The tim level is abnormal. All other component wartates are normal. Coli Changed Client Info 61 51 517 9496 The tim level is abnormal. All other component wartates are normal. Coli Changed Client Info Not Changd
Resample at the next service interval to monitor. Machine Age hrs Client Into 75710 75566 75398 The tin level is abnormal. All other component werates are normal. Contamination Not Changed Client Into Not Changed Store Apple Changed Client Into Not Changed Sev ERE ABNORMAL Sev ERE ABNO There is no indication of any contamination in the oil. Fuld Condition method Initibase current Nistory! Nistory! Nie Fuid Condition There is no indication of the oil its suitable for further service. CONTAMINATION method Initibase current Nistory! Nie Suitable for further service. Contaminum ppm ASTID 0585m - 1 3 2 Nickel ppm ASTID 0585m - 1 3 2 1 0 - 1 0 - 1 0 - 1 0 1 0 1 0 1 0 - 1 0 - 1 0 - 1 0 - 1 0 - 1 0
Wear Oil Age Ins Clint Into For For Constraints The tin level is abnormal. All other component wars are an onram. Oil Changed Client Into Not Changed
The linevel is abnormal. All other component wear rates are normal. Contamination There is no indication of any contamination in the oil. Fluid Condition The RN there is suitable is alkalinity remaining in the oil. The AN Iver BA is suitable for further service. CONTAMINATION The SUI indicates that there is suitable is acceptable for this fluid. The condition of the oil is suitable for further service. CONTAMINATION The SUI indicates that there is suitable is acceptable for this fluid. The condition of the oil is suitable for further service. CONTAMINATION Method SUIC Met
Sample Status Sample Status ABNORMAL SEVERE ABNORMAL Contamination There is no indication of any contamination in the oil. Sample Status Method Imit/base current history1 hist
Contamination There is on indication of any contamination in the oil. CONTAMINATION method limitbase Current history1 fill Fuid Condition The BN result indicates that there is suitable adaulinity remaining in the 0.11 me AN level is acceptable for further service. WC Method >4.0 <1.0
There is no indication of any contamination in the bil. CONTAMINATION method imilubase current history1 nth Fuel WC Method >-4.0 <1.0
Fluid Condition Water WC Method >.11 NEG NEG NEG The BN result indicates that there is suitable acceptable for thirs fluid. The condition of the oil is suitable for further service. Immodel for further service NEG NEG NEG NEG WEAR METALS method Immit/base current history1 history1 history1 history1 history1 nethod Iron ppm ASTM 05186m >/4 0 <1
The BN result indicates that there is suitable ikadinity remaining in the oil. The AN level is coordition of the oil is uitable for further service. Glycol WC Method NEG NEG NEG WEAR METALS method limit/base current history1 <
WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185m >4 0 <1
WEAR METALS method limit/base current history1 history1 uitable for further service. Iron ppm ASTM DISI8s >15 <1
India ppm ASTM D5185m 5-4 0 <1 <1 Chromium ppm ASTM D5185m 0 <1 0 Titanium ppm ASTM D5185m 0 <1 0 Silver ppm ASTM D5185m 0 <1 0 Aluminum ppm ASTM D5185m >6 2 4 2 Lead ppm ASTM D5185m >6 2 4 2 Lead ppm ASTM D5185m >6 4 5 2 Yanadium ppm ASTM D5185m >6 4 5 4 5 Qardnium ppm ASTM D5185m >6 4 5 4 5 Boron ppm ASTM D5185m 0 <1 0 ADDITIVES method limit/base current history1 hi Magnesium ppm ASTM D5185m 5 9 6 Magnesium ppm ASTM D5185m 5 9 6 Magnesium ppm <t< td=""></t<>
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PotassiumppmASTM D5185m>20043INFRA-REDmethodlimit/basecurrenthistory1hi
INFRA-RED method limit/base current history1 hi
Nitration Abs/cm *ASTM D7624 5.5 6.6 6.7
Sulfation Abs/cm *ASTM D/024 5.5 6.6 6.7 Sulfation Abs/.1mm *ASTM D7415 19.9 21.1 19.9
FLUID DEGRADATION method limit/base current history1 hi
Oxidation Abs/.1mm *ASTM D7414 13.8 15.7 14.3
Acid Number (AN) mg KOH/g ASTM D8045 1.0 1.48 1.38 1.22
Base Number (BN) mg KOH/g ASTM D2896 5.4 3.85 3.80 4.4
Dase Number (DN) ing Kong ASTM D2030 5.4 5.05 5.80 4.4

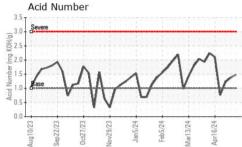


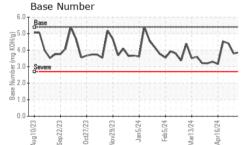
OIL ANALYSIS REPORT

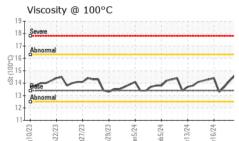


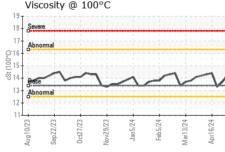




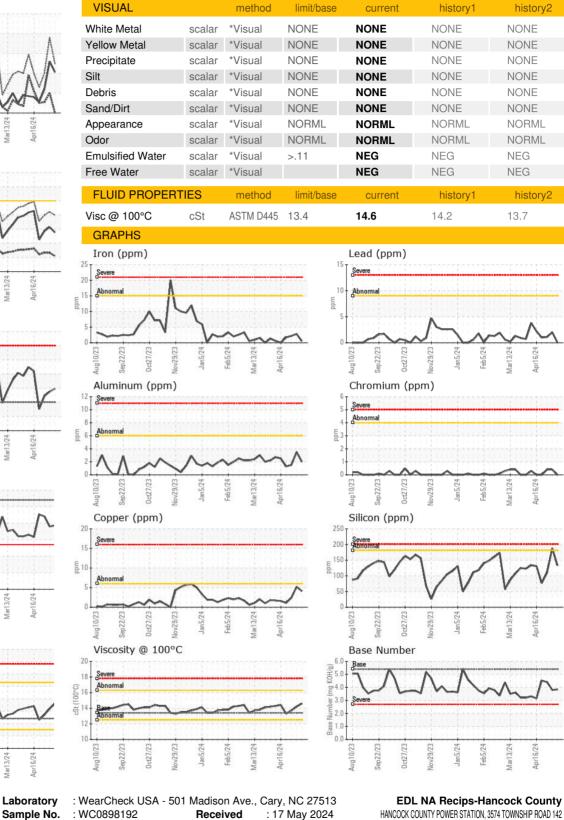












: 21 May 2024

: 21 May 2024 - Sean Felton

Test Package : MOB 2 Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Lab Number : 06183056

Unique Number : 11034382

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Tested

Diagnosed

Report Id: ENEFIN [WUSCAR] 06183056 (Generated: 05/21/2024 11:00:37) Rev: 1

Submitted By: TIM CUSICK

tim.cusick@edlenergy.com

Contact: TIM CUSICK

Page 2 of 2

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