

HEB_MLU1

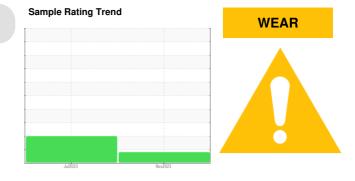
Outboard Pump

NOT GIVEN (--- GAL)

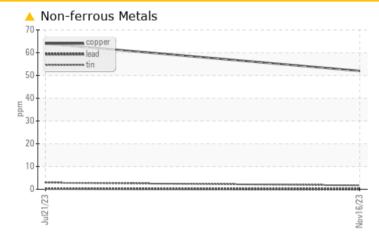
Component

Fluid

PROBLEM SUMMARY



COMPONENT CONDITION SUMMARY



RECOMMENDATION

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

| PROBLEMATIC T | EST RE | SULTS | | | | |
|---------------|--------|-------------|-----|----------|------------|--|
| Sample Status | | | | ABNORMAL | ABNORMAL | |
| Copper | ppm | ASTM D5185m | >30 | <u> </u> | 6 4 | |

Customer Id: ENEHEB Sample No.: RP0036148 Lab Number: 06026543 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 jhester@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

21 Jul 2023 Diag: Don Baldridge

VISUAL METAL

21 Jul 2023 Diag. Doll Balurio

We recommend you service the filters on this component. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. Moderate concentration of visible metal present. All other component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id **HEB MLU1** Component **Outboard Pump** Fluid NOT GIVEN (--- GAL)

DIAGNOSIS

A Recommendation

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

🔺 Wear

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

Contamination

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

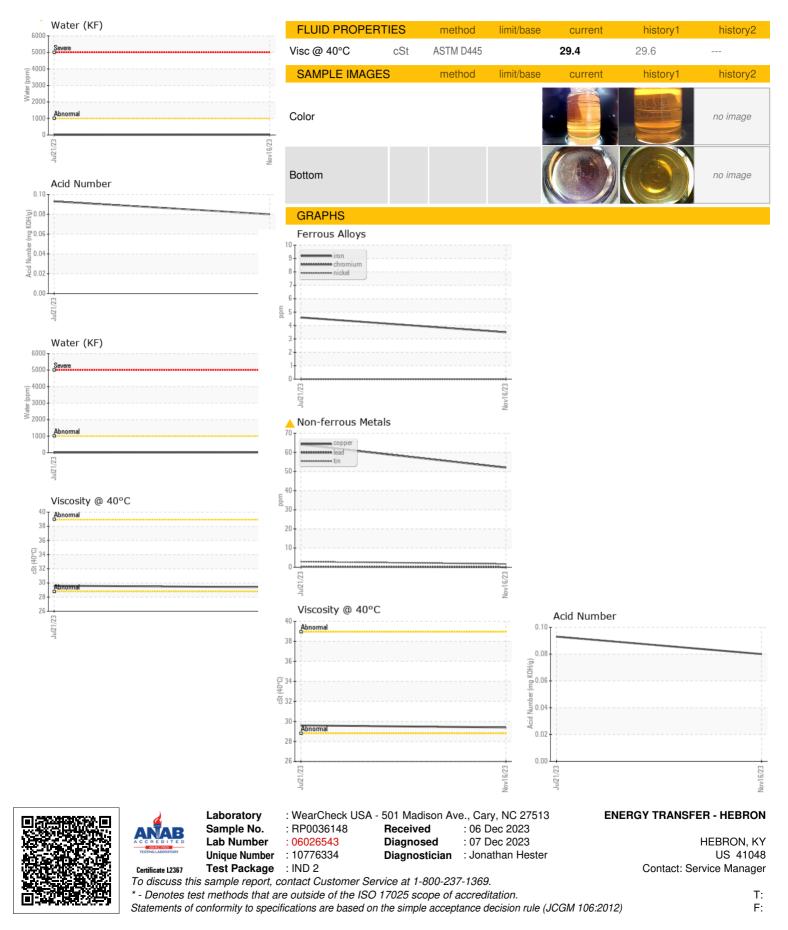
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

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| ASTM D5185m | | 0 | 0 | |
| ASTM D5185m | | 0 | 0 | |
| ASTM D5185m | | 0 | 8 | |
| ASTM D5185m | | 0 | 0 | |
| ASTM D5185m | | 66 | 82 | |
| ASTM D5185m | | 30 | 34 | |
| | 11 | | | |
| method | limit/base | current | history1 | history2 |
| ASTM D5185m | >60 | 1 | <1 | |
| ASTM D5185m | | 2 | 0 | |
| ASTM D5185m | >20 | 0 | <1 | |
| ASTM D6304 | | 0.001 | 0.001 | |
| ASTM D6304 | >1000 | 12 | 4.7 | |
| method | limit/base | current | history1 | history2 |
| ASTM D8045 | | 0.08 | 0.093 | |
| method | limit/base | current | history1 | history2 |
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OIL ANALYSIS REPORT



Contact/Location: Service Manager - ENEHEB