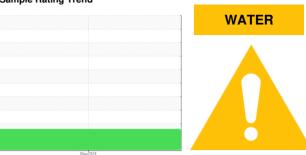


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

LTI LADDER 1 (S/N 871078) Component Hydraulic System

AW HYDRAULIC OIL ISO 32 (--- GAL)

DIAGNOSIS

Recommendation

We advise that you check for the source of water entry. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is a light concentration of water present in the

Fluid Condition

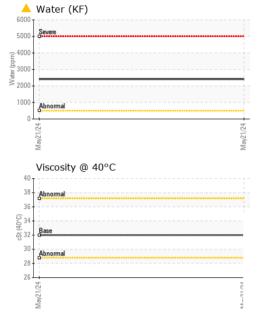
The condition of the oil is acceptable for the time in

| | | | | May2024 | | |
|------------------|--------|-------------|------------|---------------|----------|----------|
| | | | | | | |
| SAMPLE INFORM | MATION | method | limit/base | current | history1 | history2 |
| Sample Number | | Client Info | | WC0938770 | | |
| Sample Date | | Client Info | | 21 May 2024 | | |
| Machine Age | hrs | Client Info | | 0 | | |
| Oil Age | hrs | Client Info | | 0 | | |
| Oil Changed | | Client Info | | Not Changd | | |
| Sample Status | | | | ABNORMAL | | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185m | >20 | <1 | | |
| Chromium | ppm | ASTM D5185m | >20 | <1 | | |
| Nickel | ppm | ASTM D5185m | >20 | 0 | | |
| Titanium | ppm | ASTM D5185m | | <1 | | |
| Silver | ppm | ASTM D5185m | | 0 | | |
| Aluminum | ppm | ASTM D5185m | >20 | 4 | | |
| Lead | ppm | ASTM D5185m | >20 | <1 | | |
| Copper | ppm | ASTM D5185m | >20 | 14 | | |
| Tin | ppm | ASTM D5185m | >20 | <1 | | |
| Vanadium | ppm | ASTM D5185m | | 0 | | |
| Cadmium | ppm | ASTM D5185m | | 2 | | |
| | PP | | | | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185m | 5 | 0 | | |
| Barium | ppm | ASTM D5185m | 5 | 1 | | |
| Molybdenum | ppm | ASTM D5185m | 5 | 0 | | |
| Manganese | ppm | ASTM D5185m | | 0 | | |
| Magnesium | ppm | ASTM D5185m | 25 | 10 | | |
| Calcium | ppm | ASTM D5185m | 200 | 40 | | |
| Phosphorus | ppm | ASTM D5185m | 300 | 195 | | |
| Zinc | ppm | ASTM D5185m | 370 | 201 | | |
| Sulfur | ppm | ASTM D5185m | 2500 | 1844 | | |
| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185m | >15 | 2 | | |
| Sodium | ppm | ASTM D5185m | | 0 | | |
| Potassium | ppm | ASTM D5185m | >20 | 2 | | |
| Water | % | ASTM D6304 | >0.05 | <u> </u> | | |
| ppm Water | ppm | ASTM D6304 | >500 | 4 2410 | | |
| VISUAL | | method | limit/base | current | history1 | history2 |
| White Metal | scalar | *Visual | NONE | NONE | | |
| Yellow Metal | scalar | *Visual | NONE | NONE | | |
| Precipitate | scalar | *Visual | NONE | NONE | | |
| Silt | scalar | *Visual | NONE | NONE | | |
| Debris | scalar | *Visual | NONE | NONE | | |
| Sand/Dirt | scalar | *Visual | NONE | NONE | | |
| Appearance | scalar | *Visual | NORML | NORML | | |
| Odor | scalar | *Visual | NORML | NORML | | |
| Emulsified Water | scalar | *Visual | >0.05 | NEG | | |
| Free Water | scalar | *Visual | | NEG | | |
| | | | | | | |

Contact/Location: RAY HALTIS - BEAWAS

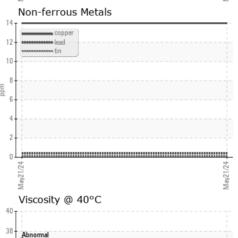


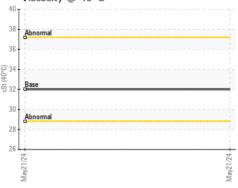
OIL ANALYSIS REPORT





Ferrous Alloys









Certificate 12367

Laboratory Sample No.

Lab Number : 06200944

: WC0938770 Unique Number : 11063067

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested**

: 05 Jun 2024 : 10 Jun 2024 Diagnosed : 11 Jun 2024 - Jonathan Hester

BEAUFORT COUNTY COMMUNITY COLLEGE 5337 US WHY 264 EAST BLDG 8 WASHINGTON, NC

US 27889 Contact: RAY HALTIS RAY.HALTIS@BEAUFORTCCC.EDU

Test Package : FLEET (Additional Tests: KF) 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.

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

T:

F: