



OIL ANALYSIS REPORT

| | |
|-----------------|---------------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Machine Id
PIERCE TRUCK 2
Component
Hydraulic System
Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

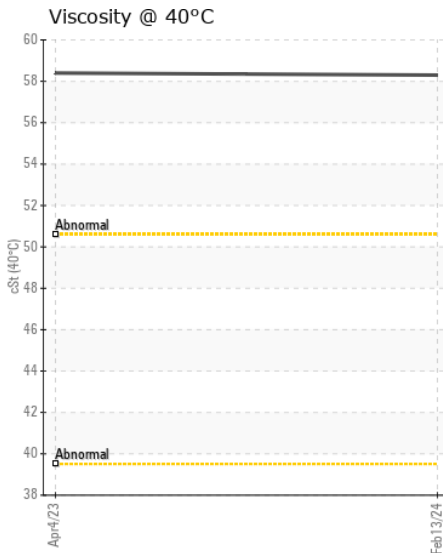
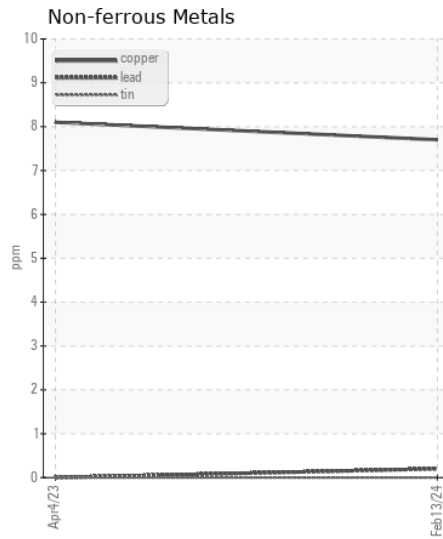
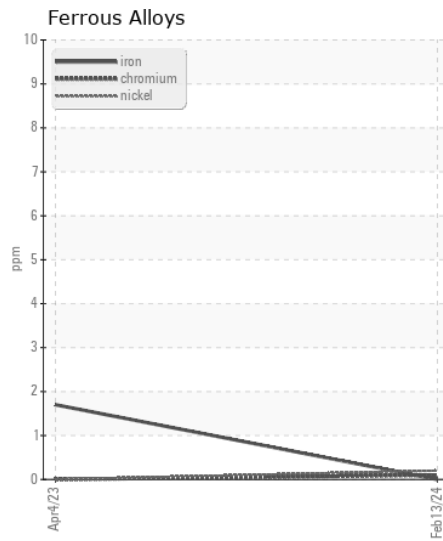
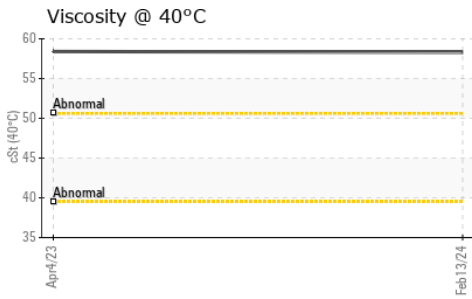
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|--------|-------------|-----------|--------------------|-------------|----------|
| Sample Number | | Client Info | | WC0890640 | WC0790381 | --- |
| Sample Date | | Client Info | | 13 Feb 2024 | 04 Apr 2023 | --- |
| Machine Age | hrs | Client Info | | 0 | 0 | --- |
| Oil Age | hrs | Client Info | | 0 | 0 | --- |
| Filter Age | hrs | Client Info | | 0 | 0 | --- |
| Oil Changed | | Client Info | | Not Changd | Not Changd | --- |
| Filter Changed | | Client Info | | Not Changd | Not Changd | --- |
| Sample Status | | | | NORMAL | ABNORMAL | --- |
| Iron | ppm | ASTM D5185m | >20 | 0 | 2 | --- |
| Chromium | ppm | ASTM D5185m | >10 | <1 | 0 | --- |
| Nickel | ppm | ASTM D5185m | >10 | <1 | 0 | --- |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | --- |
| Silver | ppm | ASTM D5185m | | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185m | >10 | 1 | 1 | --- |
| Lead | ppm | ASTM D5185m | >10 | <1 | 0 | --- |
| Copper | ppm | ASTM D5185m | >75 | 8 | 8 | --- |
| Tin | ppm | ASTM D5185m | >10 | 0 | 0 | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | --- |
| White Metal | scalar | *Visual | NONE | NONE | NONE | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | --- |
| Silicon | ppm | ASTM D5185m | >20 | 2 | 2 | --- |
| Potassium | ppm | ASTM D5185m | >20 | <1 | 0 | --- |
| Water | | WC Method | >0.1 | NEG | NEG | --- |
| Silt | scalar | *Visual | NONE | NONE | NONE | --- |
| Debris | scalar | *Visual | NONE | LIGHT | ▲ MODER | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | --- |
| Appearance | scalar | *Visual | NORML | NORML | NORML | --- |
| Odor | scalar | *Visual | NORML | NORML | NORML | --- |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | 0.2% | --- |
| Sodium | ppm | ASTM D5185m | | 1 | <1 | --- |
| Boron | ppm | ASTM D5185m | | 3 | 5 | --- |
| Barium | ppm | ASTM D5185m | | 0 | 0 | --- |
| Molybdenum | ppm | ASTM D5185m | | 0 | <1 | --- |
| Manganese | ppm | ASTM D5185m | | <1 | <1 | --- |
| Magnesium | ppm | ASTM D5185m | | 7 | 8 | --- |
| Calcium | ppm | ASTM D5185m | | 278 | 294 | --- |
| Phosphorus | ppm | ASTM D5185m | | 444 | 461 | --- |
| Zinc | ppm | ASTM D5185m | | 592 | 582 | --- |
| Sulfur | ppm | ASTM D5185m | | 2007 | 3694 | --- |
| Visc @ 40°C | cSt | ASTM D445 | | 58.3 | 58.4 | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0890640
Lab Number : 06104717
Unique Number : 10902947
Test Package : FLEET

Received : 29 Feb 2024
Tested : 01 Mar 2024
Diagnosed : 01 Mar 2024 - Wes Davis

TEXARKANA FIRE DEPARTMENT
 P.O. BOX 2711
 TEXARKANA, AR
 US 71854
 Contact: BOBBY HONEA

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)

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