



# COOLANT REPORT

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



Area  
**KANSAS/44/EG - LOADER**  
Machine Id  
**46.107L [KANSAS^44^EG - LOADER]**  
Component  
**Radiator Coolant**  
Fluid  
**CATERPILLAR ELC (--- GAL)**

## RECOMMENDATION

No corrective action is recommended at this time. The fluid is suitable for further service.

| Test           | UOM | Method      | Limit/Abn | Current     | History1 | History2 |
|----------------|-----|-------------|-----------|-------------|----------|----------|
| Sample Number  |     | Client Info |           | WC0789830   | ---      | ---      |
| Sample Date    |     | Client Info |           | 16 Apr 2024 | ---      | ---      |
| Machine Age    | hrs | Client Info |           | 15          | ---      | ---      |
| Oil Age        | hrs | Client Info |           | 15          | ---      | ---      |
| Filter Age     | hrs | Client Info |           | 0           | ---      | ---      |
| Oil Changed    |     | Client Info |           | Not Changd  | ---      | ---      |
| Filter Changed |     | Client Info |           | N/A         | ---      | ---      |
| Sample Status  |     |             |           | NORMAL      | ---      | ---      |

## WEAR

All metal levels are normal indicating no corrosion in the cooling system.

|          |     |            |     |    |     |     |
|----------|-----|------------|-----|----|-----|-----|
| Iron     | ppm | ASTM D6130 |     | <1 | --- | --- |
| Aluminum | ppm | ASTM D6130 |     | 1  | --- | --- |
| Copper   | ppm | ASTM D6130 |     | 1  | --- | --- |
| Lead     | ppm | ASTM D6130 |     | <1 | --- | --- |
| Tin      | ppm | ASTM D6130 |     | <1 | --- | --- |
| Zinc     | ppm | ASTM D6130 | >10 | 1  | --- | --- |

## CONTAMINATION

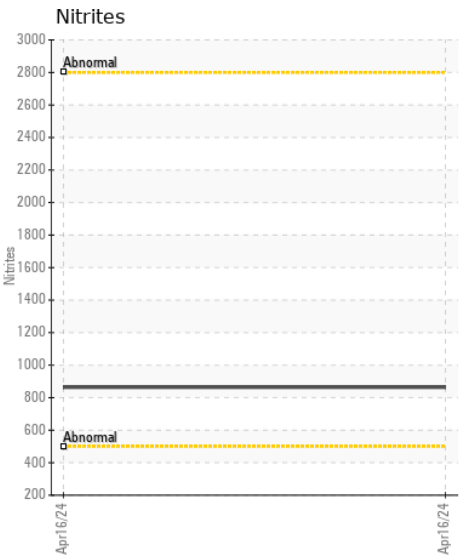
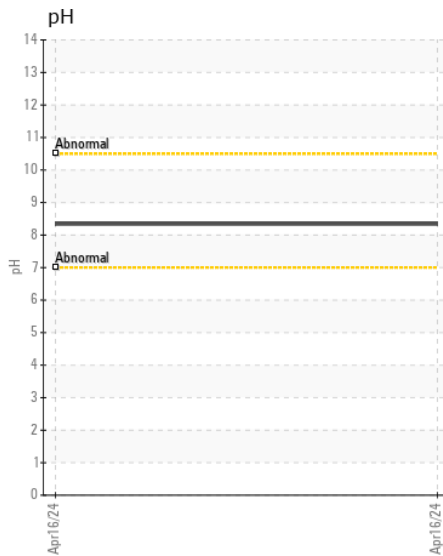
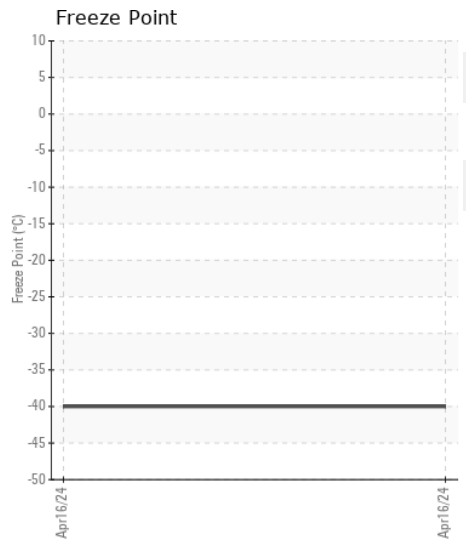
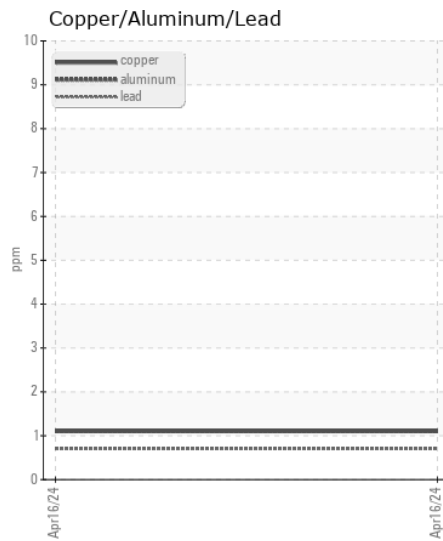
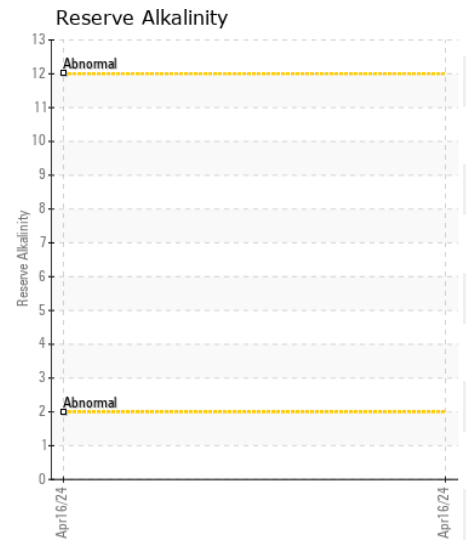
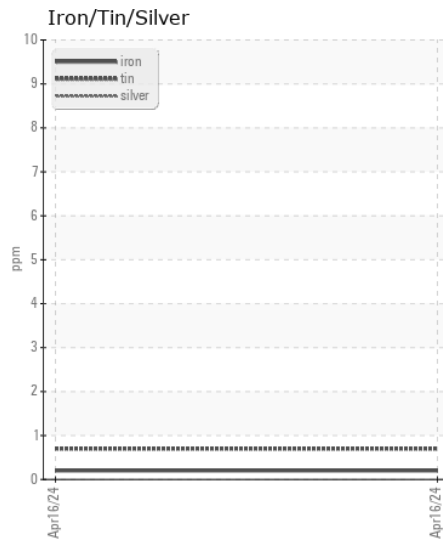
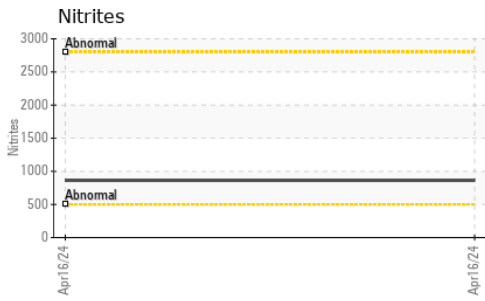
There is no indication of any contamination in the coolant.

|                        |     |            |       |        |     |     |
|------------------------|-----|------------|-------|--------|-----|-----|
| Calcium                | ppm | ASTM D6130 |       | 1      | --- | --- |
| Chlorine               | ppm | ASTM D6130 |       | 2      | --- | --- |
| Magnesium              | ppm | ASTM D6130 |       | 1      | --- | --- |
| Total Dissolved Solids |     |            |       | 312.5  | --- | --- |
| Coolant Appearance     |     | *Visual    | Clear | normal | --- | --- |

## FLUID CONDITION

|       |  |           |  |     |     |     |
|-------|--|-----------|--|-----|-----|-----|
| Water |  | WC Method |  | NEG | --- | --- |
|-------|--|-----------|--|-----|-----|-----|





Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0789830 **Received** : 22 Apr 2024  
**Lab Number** : 06156549 **Tested** : 23 Apr 2024  
**Unique Number** : 10991972 **Diagnosed** : 24 Apr 2024 - Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType, ICP )

**SHERWOOD CONSTRUCTION CO INC**  
 3219 WEST MAY ST  
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 US 67213  
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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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