



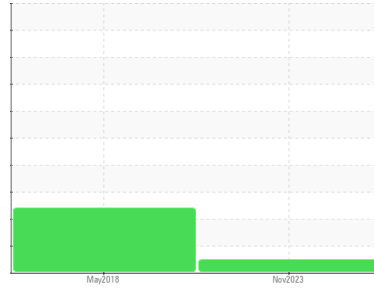
# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**MINING**  
 Machine Id  
**ME-60 CATERPILLAR 982M Mk800210**  
 Component  
**Coolant**  
 Fluid  
**CATERPILLAR ELC (--- GAL)**



## DIAGNOSIS

### Recommendation

The fluid is suitable for further service.

### Contaminants

There is no indication of any contamination in the coolant.

### Coolant Condition

Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.


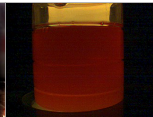


## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0866092</b>	WCMC175349	---
Sample Date	Client Info		<b>01 Nov 2023</b>	02 May 2018	---
Machine Age	hrs	Client Info	<b>0</b>	9862	---
Oil Age	hrs	Client Info	<b>1500</b>	0	---
Oil Changed		Client Info	<b>N/A</b>	N/A	---
Sample Status			<b>NORMAL</b>	ABNORMAL	---

## PHYSICAL TEST RESULTS

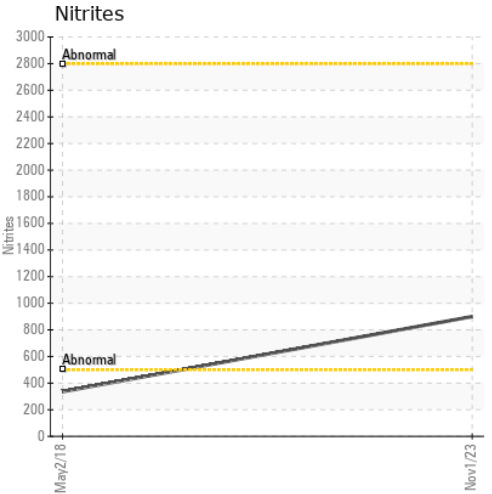
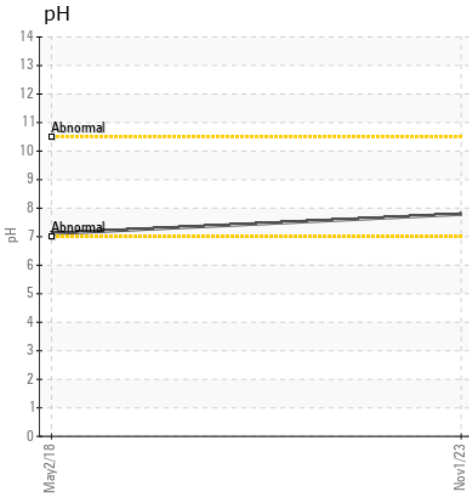
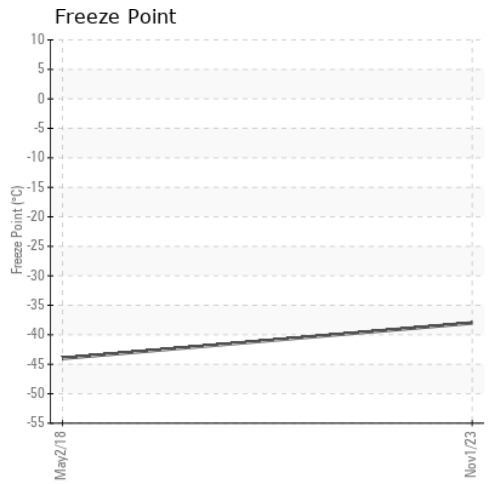
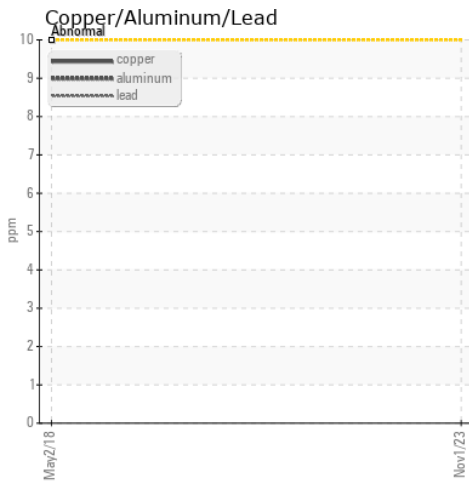
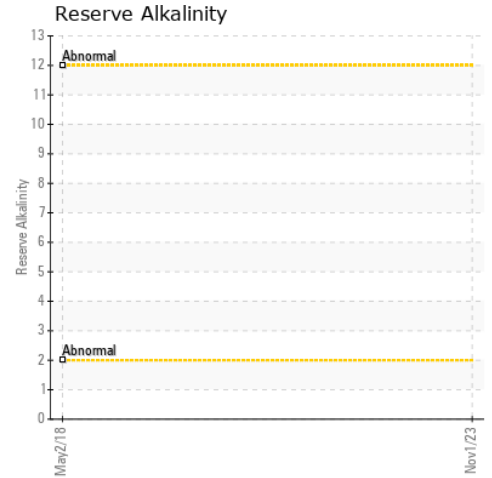
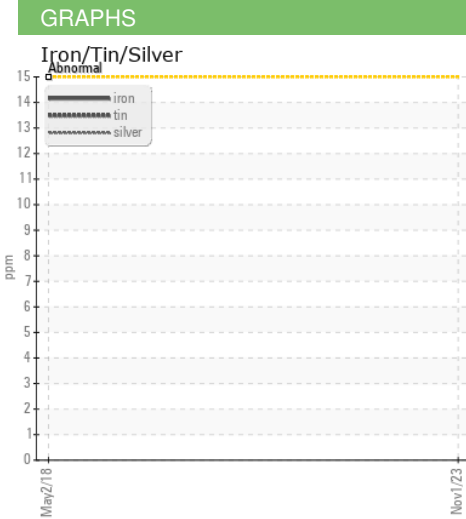
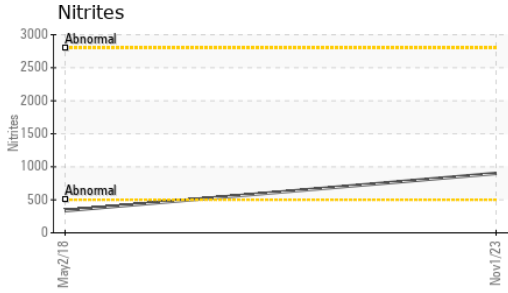
	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		<b>1.069</b>	---	---
pH	Scale 0-14 ASTM D1287		<b>7.79</b>	7.11	---
Nitrites	ppm AP-053:2009		<b>900</b>	▲ 336	---
Reserve Alkalinity	Scale 0-20 *ASTM D1121		<b>---</b>	---	---
Percentage Glycol	% ASTM D3321		<b>51.2</b>	52	---
Freezing Point	°F ASTM D3321		<b>-38</b>	-44	---
Total Dissolved Solids			<b>325.5</b>	342.0	---
Carboxylate			<b>n/a</b>	n/a	---

## VISUAL

	method	limit/base	current	history1	history2
Coolant Color	*Visual		<b>Red</b>	Red	---
Coolant Appearance	*Visual	Clear	<b>normal</b>	normal	---
Color					no image
Bottom					no image



# COOLANT REPORT



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0866092 **Received** : 07 Nov 2023  
**Lab Number** : 06000858 **Diagnosed** : 09 Nov 2023  
**Unique Number** : 10729218 **Diagnostician** : Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: COOL )

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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