



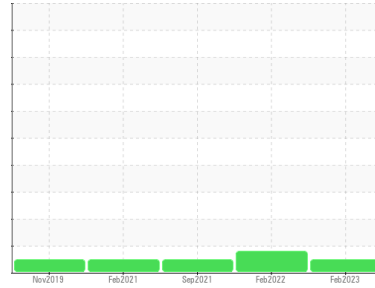
# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**Pinconning CAT 1 PINM01BE**  
 Component  
**Auxiliary Circuit Coolant**  
 Fluid  
**CHEVRON HEAVY DUTY PF COOLANT (--- GAL)**



## DIAGNOSIS

### Recommendation

The fluid is suitable for further service.

### Corrosion

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

### Contaminants

There is no indication of any contamination in the oil.

### 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>WC0531349</b>	WC0587162	WC0587193
Sample Date	Client Info		<b>10 Feb 2023</b>	24 Feb 2022	09 Sep 2021
Machine Age	hrs	Client Info	<b>117802</b>	109967	105090
Oil Age	hrs	Client Info	<b>0</b>	0	90507
Oil Changed	Client Info		<b>N/A</b>	N/A	N/A
Sample Status			<b>NORMAL</b>	MARGINAL	NORMAL

## PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		<b>1.068</b>	---	---
pH	Scale 0-14 ASTM D1287	10.5	<b>8.28</b>	8.26	7.88
Nitrites	ppm AP-053:2009	>800	<b>1012</b>	976	1124
Reserve Alkalinity	Scale 0-20 *ASTM D1121		<b>---</b>	---	---
Percentage Glycol	% ASTM D3321	50	<b>50.5</b>	54	49
Freezing Point	°F ASTM D3321	-37	<b>-35</b>	-48	-35
Total Dissolved Solids			<b>259.5</b>	223.5	247.0
Carboxylate			<b>n/a</b>	pass	n/a

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130	1000	<b>204</b>	77	135
Phosphorus	ppm ASTM D6130	0	<b>55</b>	58	12
Boron	ppm ASTM D6130		<b>697</b>	461	520
Molybdenum	ppm ASTM D6130		<b>419</b>	161	320

## CORROSION

	method	limit/base	current	history1	history2
Iron	ppm ASTM D6130	>15	<b>1</b>	▲ 16	<1
Aluminum	ppm ASTM D6130	>10	<b>&lt;1</b>	0	0
Copper	ppm ASTM D6130	>10	<b>2</b>	8	<1
Lead	ppm ASTM D6130	>10	<b>&lt;1</b>	<1	0
Tin	ppm ASTM D6130	>10	<b>&lt;1</b>	0	0
Zinc	ppm ASTM D6130		<b>1</b>	3	<1

## CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		<b>30</b>	58	10

## CARRIER SALTS

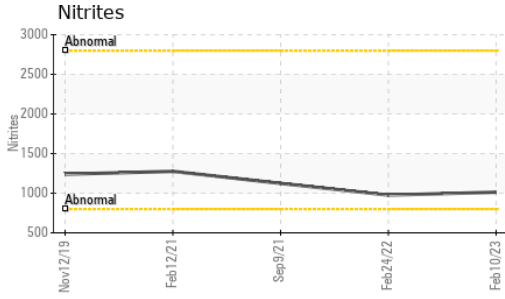
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		<b>3676</b>	1441	1677
Potassium	ppm ASTM D6130		<b>838</b>	108	64






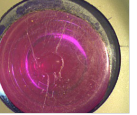
## SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		<b>4</b>	4	3
Magnesium	ppm ASTM D6130		<b>1</b>	2	<1

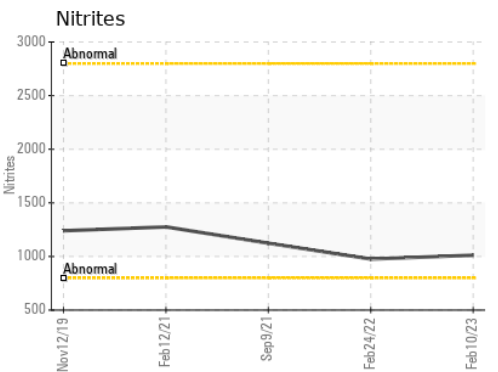
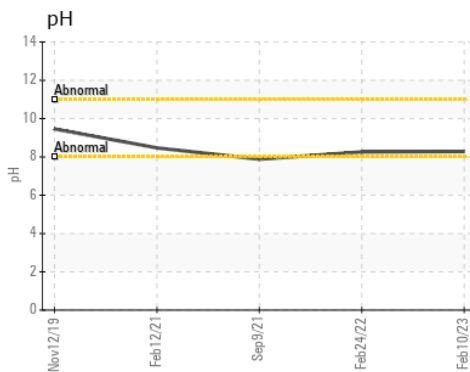
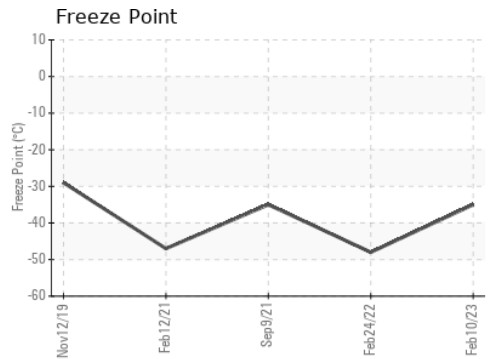
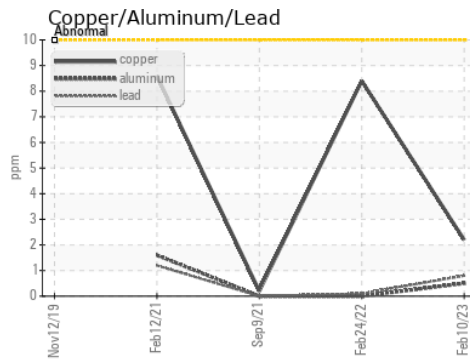
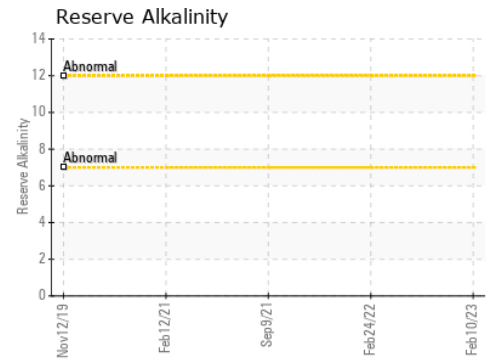
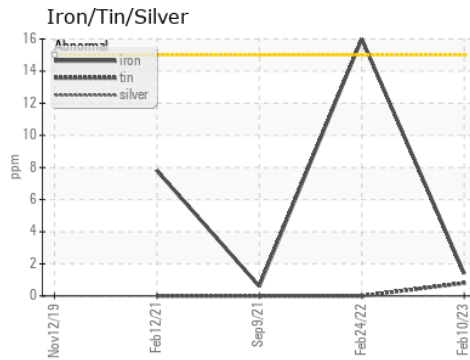


# COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual	Grn/Prpl	<b>Pink</b>	Orange	Pink
Coolant Appearance	*Visual	Clear	<b>normal</b>	normal	normal
Color					
Bottom					

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0531349 **Received** : 14 Feb 2023  
**Lab Number** : 05767546 **Diagnosed** : 18 Feb 2023  
**Unique Number** : 10337154 **Diagnostician** : Doug Bogart  
**Test Package** : COOL- ( Additional Tests: COOL, ICP )

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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