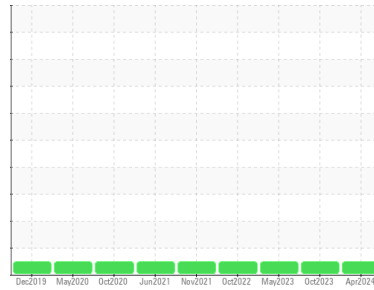




# COOLANT REPORT

Machine Id  
**HANM03BE (S/N 3RC00176)**  
 Component  
**Jacket Water Coolant**  
 Fluid  
**CHEVRON HEAVY DUTY PF COOLANT (--- GAL)**

### Sample Rating Trend



**NORMAL**



### 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 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>WC0898163</b>	WC0851218	WC0802739
Sample Date	Client Info			<b>17 Apr 2024</b>	18 Oct 2023	09 May 2023
Machine Age	hrs	Client Info		<b>75047</b>	70821	67000
Oil Age	hrs	Client Info		<b>7230</b>	3004	17214
Oil Changed	Client Info			<b>Not Changed</b>	Not Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type	FT-IR			<b>---</b>	---	---
Specific Gravity	*ASTM D1298			<b>1.068</b>	1.067	1.069
pH	Scale 0-14	ASTM D1287	10.5	<b>8.71</b>	9.67	8.66
Nitrites	ppm	AP-053:2009	>800	<b>1352</b>	1276	824
Reserve Alkalinity	Scale 0-20	*ASTM D1121		<b>---</b>	---	---
Percentage Glycol	%	ASTM D3321	50	<b>50.4</b>	49.2	51.5
Freezing Point	°F	ASTM D3321	-37	<b>-35</b>	-33	-38
Total Dissolved Solids				<b>253.0</b>	242.5	239.5
Carboxylate				<b>n/a</b>	n/a	n/a

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	1000	<b>63</b>	99	135
Phosphorus	ppm	ASTM D6130	0	<b>12</b>	24	0
Boron	ppm	ASTM D6130		<b>392</b>	360	765
Molybdenum	ppm	ASTM D6130		<b>250</b>	221	491

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

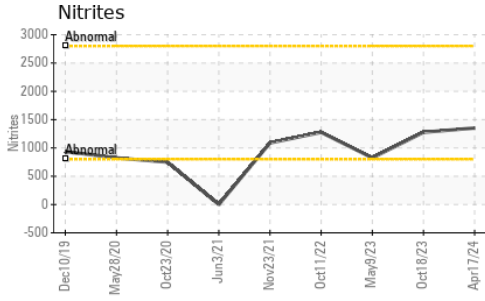
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		<b>1</b>	8	5

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		<b>2346</b>	2060	3882
Potassium	ppm	ASTM D6130		<b>19</b>	69	196

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		<b>&lt;1</b>	2	0
Magnesium	ppm	ASTM D6130		<b>&lt;1</b>	<1	0

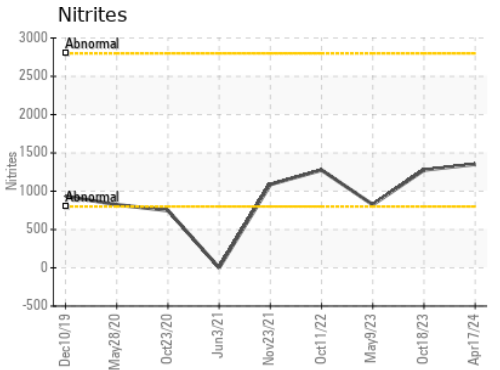
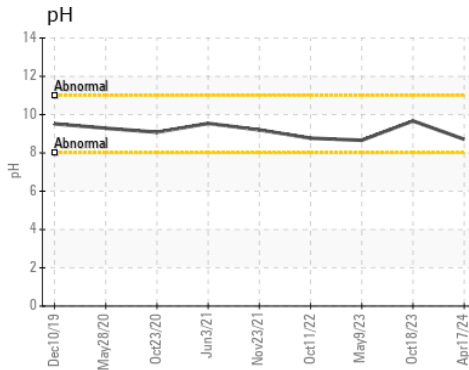
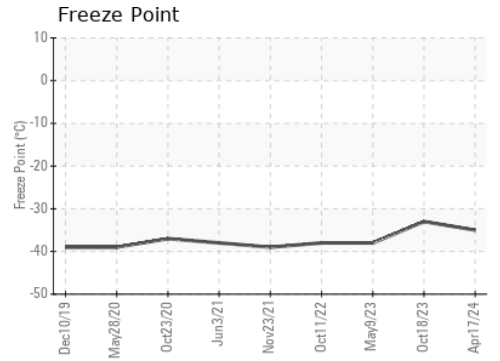
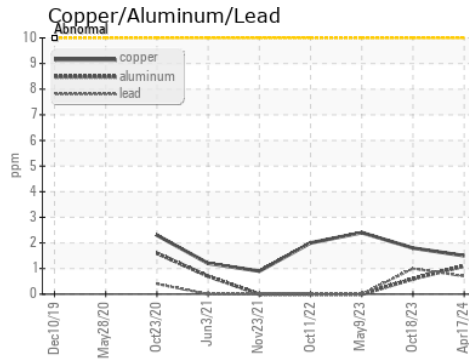
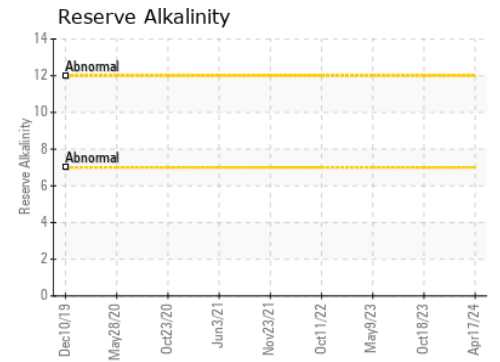
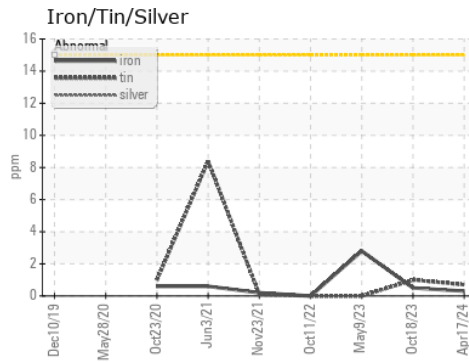


# COOLANT REPORT



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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0898163  
**Lab Number** : 06155028  
**Unique Number** : 10990451  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType, ICP )  
**Received** : 19 Apr 2024  
**Tested** : 22 Apr 2024  
**Diagnosed** : 24 Apr 2024 - Jonathan Hester

**EDL NA Recips-Hancock County**  
 HANCOCK COUNTY POWER STATION, 3574 TOWNSHIP ROAD 142  
 FINDLAY, OH  
 US 45840  
 Contact: TIM CUSICK  
 tim.cusick@edlenergy.com

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)