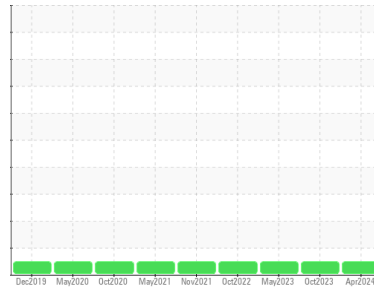




COOLANT REPORT

Sample Rating Trend



NORMAL



Machine Id
Hancock CAT 1 (S/N 4EK00133)
 Component
Jacket Water 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 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		WC0898159	WC0851214	WC0802738
Sample Date	Client Info		10 Apr 2024	18 Oct 2023	09 May 2023
Machine Age	hrs	Client Info	70116	66076	62286
Oil Age	hrs	Client Info	7514	3474	15231
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.067	1.068	1.071
pH	Scale 0-14	ASTM D1287 10.5	9.20	9.25	8.59
Nitrites	ppm	AP-053:2009 >800	1124	1200	1124
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321 50	49.8	50.2	53.2
Freezing Point	°F	ASTM D3321 -37	-33	-35	-43
Total Dissolved Solids			216.0	252.5	261.0
Carboxylate			n/a	n/a	n/a

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 1000	62	95	109
Phosphorus	ppm	ASTM D6130 0	6	26	0
Boron	ppm	ASTM D6130	404	367	780
Molybdenum	ppm	ASTM D6130	239	224	497

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130 >15	<1	<1	0
Aluminum	ppm	ASTM D6130 >10	0	<1	0
Copper	ppm	ASTM D6130 >10	1	2	2
Lead	ppm	ASTM D6130 >10	0	1	0
Tin	ppm	ASTM D6130 >10	0	1	0
Zinc	ppm	ASTM D6130	0	1	0

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	0	6	2

CARRIER SALTS

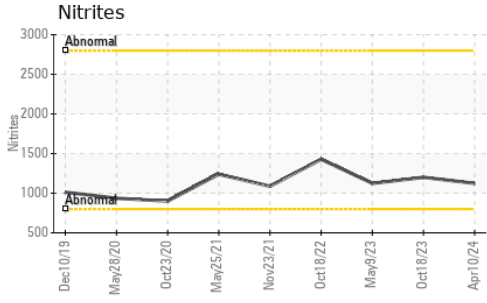
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	2315	2066	3886
Potassium	ppm	ASTM D6130	33	83	192

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	0	2	0
Magnesium	ppm	ASTM D6130	0	<1	0

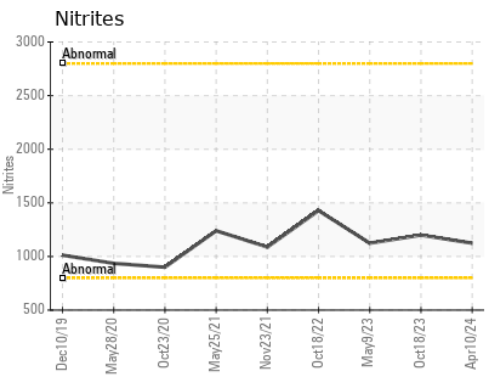
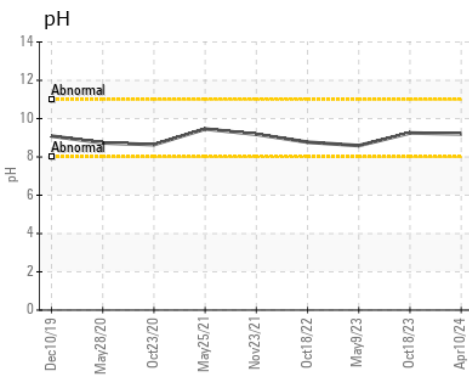
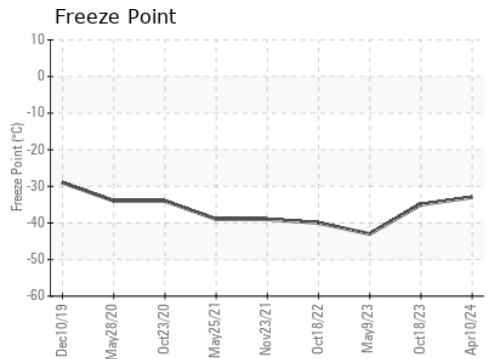
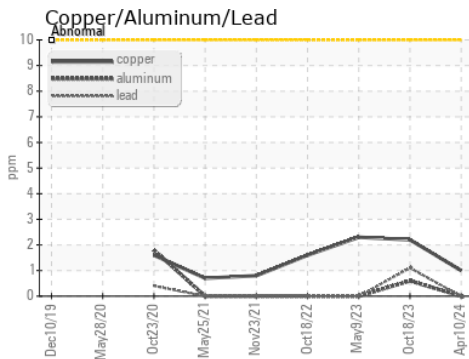
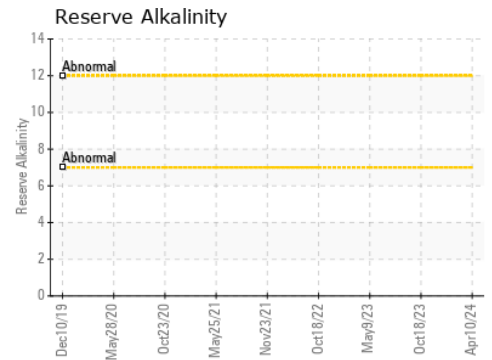
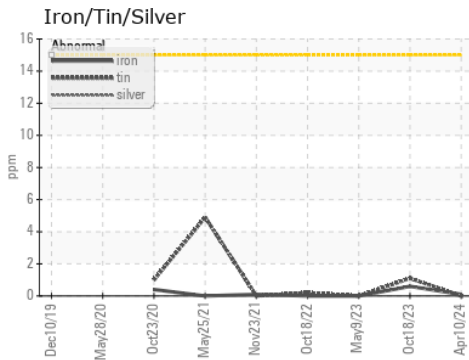


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0898159 **Received** : 12 Apr 2024
Lab Number : **06147918** **Tested** : 16 Apr 2024
Unique Number : 10977996 **Diagnosed** : 16 Apr 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

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)