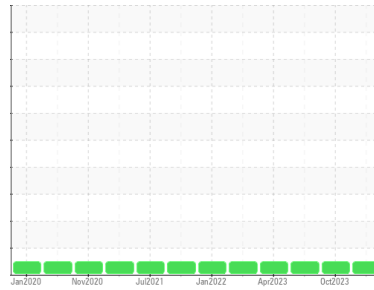




COOLANT REPORT

Machine Id
HBKM01BE
 Component
Jacket Water Coolant
 Fluid
CONVENTIONAL 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			WC0775500	WC0775426	WC0775345
Sample Date	Client Info			08 Apr 2024	06 Oct 2023	17 Jul 2023
Machine Age	hrs	Client Info		109300	105703	103900
Oil Age	hrs	Client Info		26872	23275	21472
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type	FT-IR			---	---	---
Specific Gravity	*ASTM D1298			1.067	1.067	1.067
pH	Scale 0-14	ASTM D1287		9.07	8.69	8.75
Nitrites	ppm	AP-053:2009		1500	900	1124
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		49.9	49.9	49.7
Freezing Point	°F	ASTM D3321		-33	-33	-33
Total Dissolved Solids				283.5	256.5	519.5
Carboxylate				n/a	n/a	pass

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		85	96	153
Phosphorus	ppm	ASTM D6130		47	25	64
Boron	ppm	ASTM D6130		406	418	556
Molybdenum	ppm	ASTM D6130		4	5	12

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

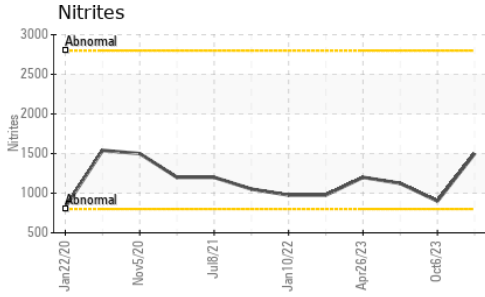
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		2	8	18


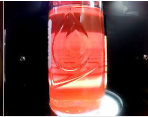




CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		2351	2427	2995
Potassium	ppm	ASTM D6130		178	174	280

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

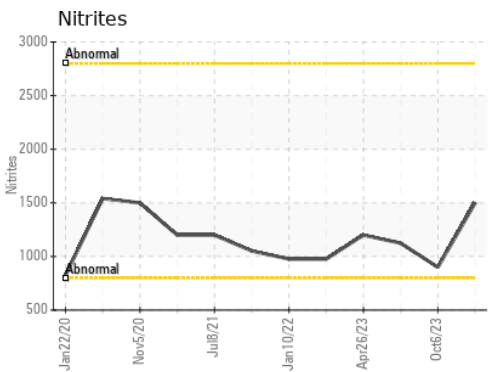
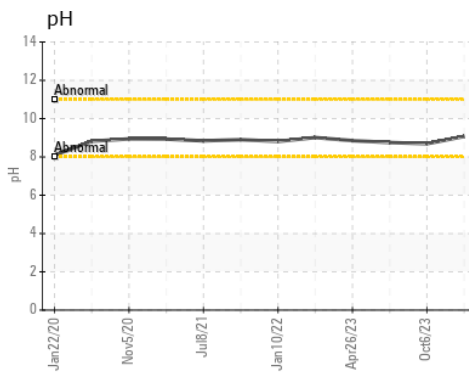
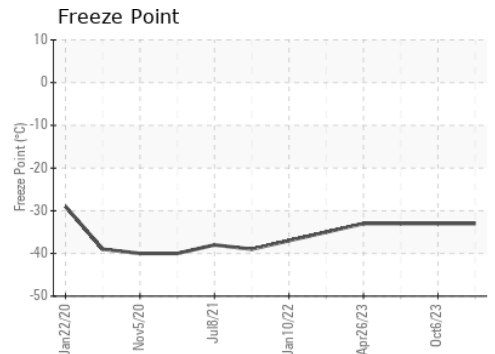
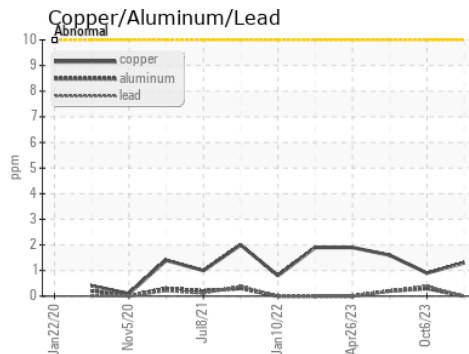
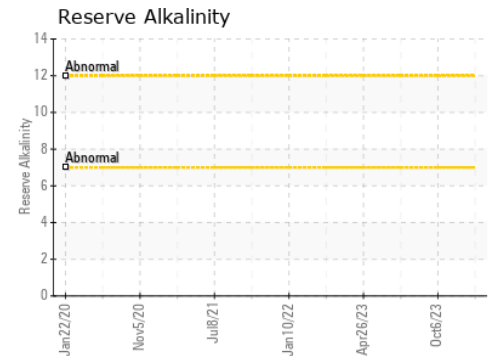
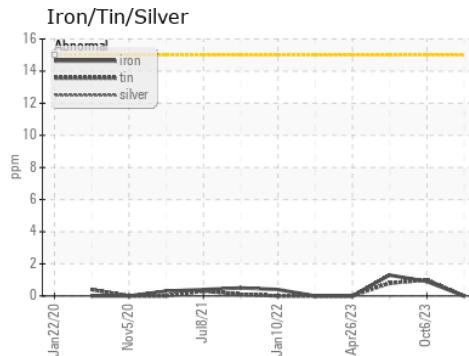


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : WC0775500

Lab Number : 06144809

Unique Number : 10969617

Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

Received : 10 Apr 2024

Tested : 19 Apr 2024

Diagnosed : 19 Apr 2024 - Jonathan Hester

EDL NA Recips-Honeybrook

Honey Brook Powerstation, 481 S. Churchtown Road

Narvon, PA

US 17555-9574

Contact: Christian Adames

Christian.Adames@edlenergy.com

T:

F:

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)