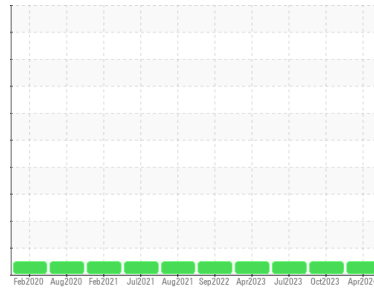




COOLANT REPORT

Machine Id
HBKM02BE
 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		WC0775499	WC0775425	WC0775347
Sample Date	Client Info		08 Apr 2024	06 Oct 2023	17 Jul 2023
Machine Age	hrs	Client Info	105892	102013	100569
Oil Age	hrs	Client Info	10842	6963	5519
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	1.064	1.068
pH	Scale 0-14	ASTM D1287	9.02	8.32	8.15
Nitrites	ppm	AP-053:2009	1200	788	824
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	49.7	47.5	50.1
Freezing Point	°F	ASTM D3321	-33	-28	-35
Total Dissolved Solids			276.5	245.5	512.5
Carboxylate			n/a	n/a	n/a

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	79	90	122
Phosphorus	ppm	ASTM D6130	53	53	89
Boron	ppm	ASTM D6130	382	468	532
Molybdenum	ppm	ASTM D6130	5	8	16

CORROSION

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

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		0	10

CARRIER SALTS

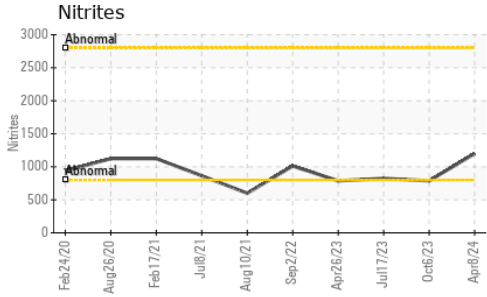
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		2267	2702
Potassium	ppm	ASTM D6130		176	271


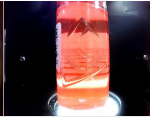
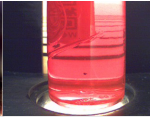



SCALE POTENTIAL

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

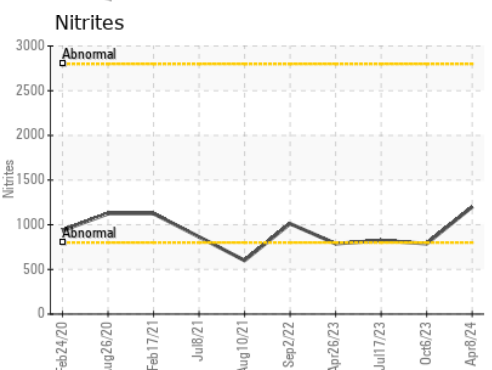
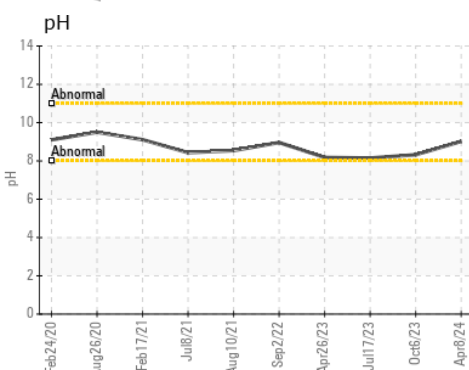
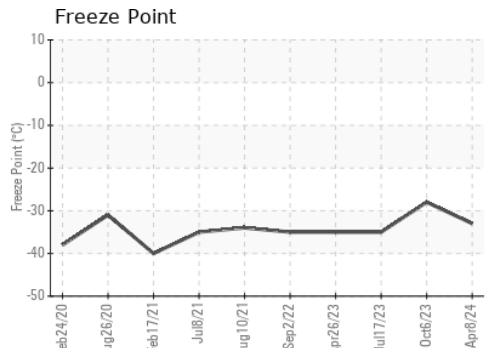
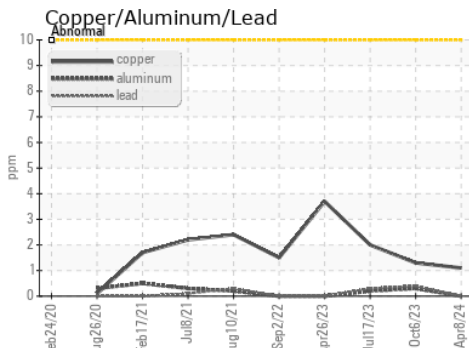
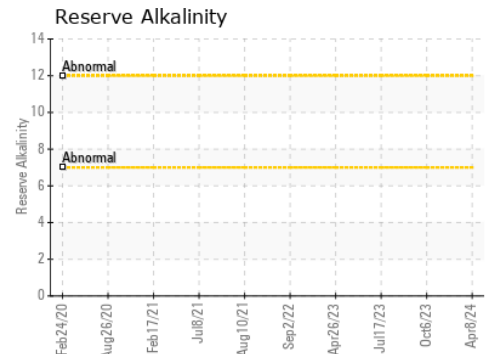
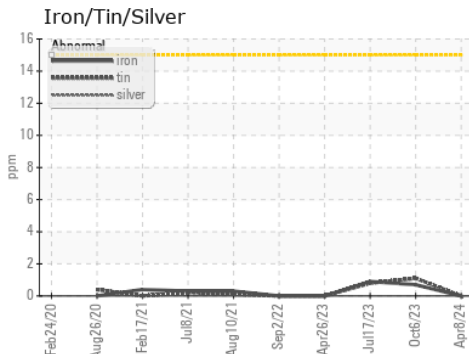


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0775499 **Received** : 10 Apr 2024
Lab Number : 06144810 **Tested** : 19 Apr 2024
Unique Number : 10969618 **Diagnosed** : 19 Apr 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

EDL NA Recips-Honeybrook
 Honey Brook Powerstation, 481 S. Churchtown Road
 Narvon, PA
 US 17555-9574
 Contact: Christian Adames
 Christian.Adames@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)