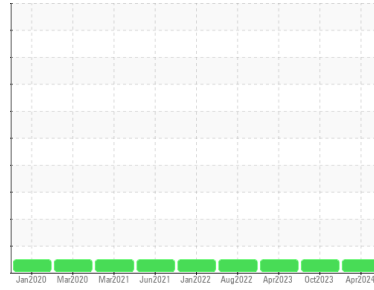




COOLANT REPORT

Machine Id
MTNM01BE
 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			WC0775218	WC0775291	WC0770236
Sample Date	Client Info			10 Apr 2024	18 Oct 2023	20 Apr 2023
Machine Age	hrs	Client Info		42071	39215	38002
Oil Age	hrs	Client Info		3539	683	1101
Oil Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type		FT-IR		---	---	---
Specific Gravity		*ASTM D1298		1.066	1.069	1.069
pH	Scale 0-14	ASTM D1287		10.2	9.04	8.87
Nitrites	ppm	AP-053:2009		1764	1064	1240
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		48.8	51.1	51.0
Freezing Point	°F	ASTM D3321		-31	-38	-38
Total Dissolved Solids				277.0	305.5	281.5
Carboxylate				n/a	n/a	fail

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		154	60	130
Phosphorus	ppm	ASTM D6130		145	84	190
Boron	ppm	ASTM D6130		367	317	586
Molybdenum	ppm	ASTM D6130		24	15	33

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	<1	1	0
Aluminum	ppm	ASTM D6130	>10	0	4	0
Copper	ppm	ASTM D6130	>10	<1	<1	1
Lead	ppm	ASTM D6130	>10	0	0	<1
Tin	ppm	ASTM D6130	>10	0	0	<1
Zinc	ppm	ASTM D6130		0	0	<1

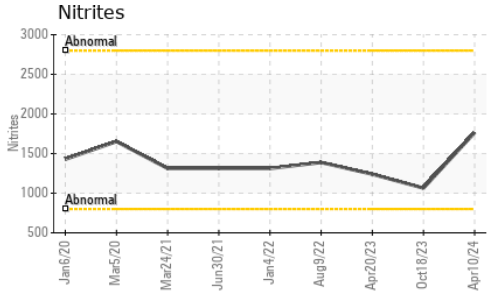
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		0	2	12




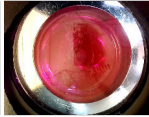
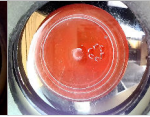
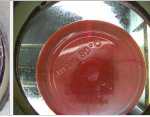
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		2269	2031	3372
Potassium	ppm	ASTM D6130		288	278	578

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

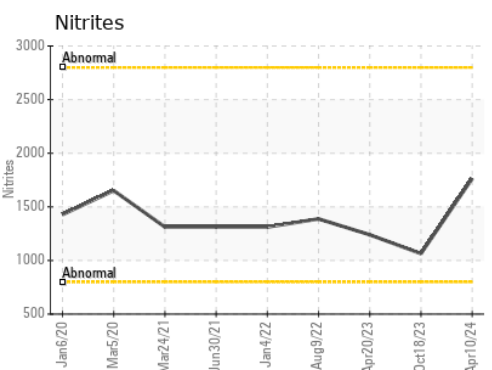
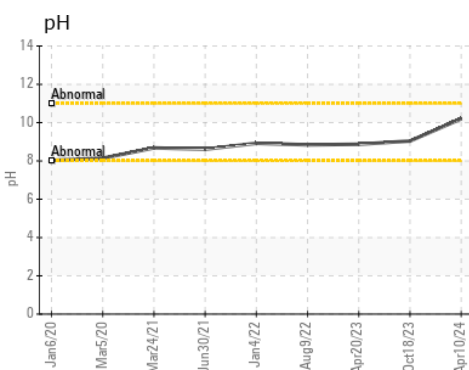
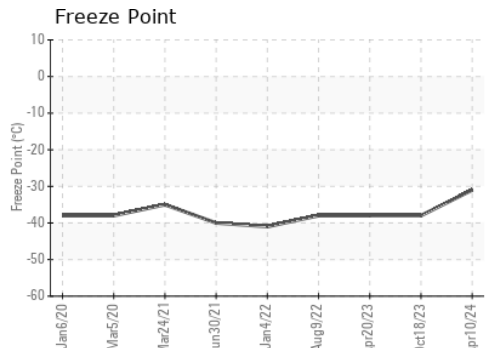
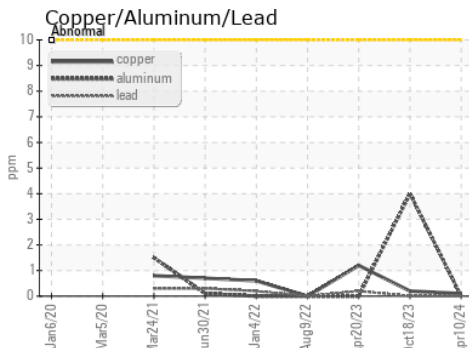
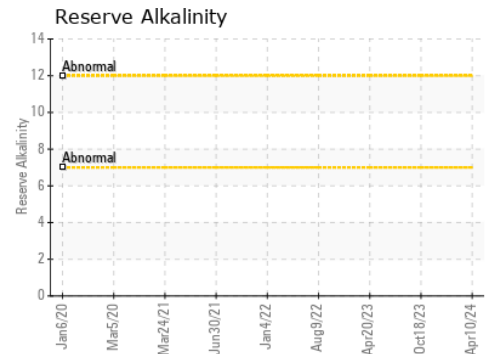
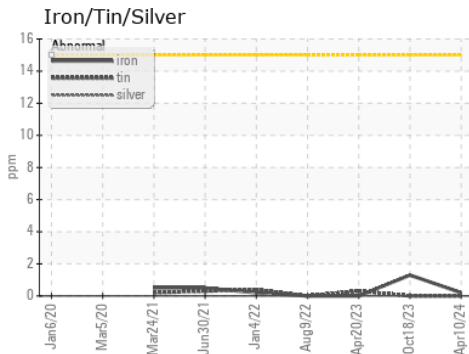


COOLANT REPORT



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. : WC0775218 **Received** : 12 Apr 2024
Lab Number : **06147919** **Tested** : 16 Apr 2024
Unique Number : 10977997 **Diagnosed** : 16 Apr 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

EDL NA Recips-Morgantown
 Morgantown Powerstation, 950 Shiloh
 Morgantown, PA
 US 19543
 Contact: ARON GUNN
 aron.gunn@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)