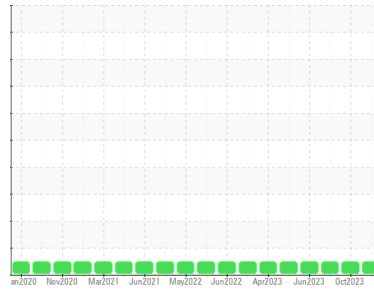




COOLANT REPORT

Machine Id
ZOKM01BE
 Component
Jacket Water Coolant
 Fluid
CONVENTIONAL COOLANT (350 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			WC0775186	WC0675534	WC0775387
Sample Date	Client Info			05 Apr 2024	12 Oct 2023	10 Jul 2023
Machine Age	hrs	Client Info		84466	80943	78783
Oil Age	hrs	Client Info		2466	20986	19826
Oil Changed	Client Info			Changed	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type	FT-IR			---	---	---
Specific Gravity	*ASTM D1298			1.068	1.069	1.069
pH	Scale 0-14	ASTM D1287		8.79	8.11	8.48
Nitrites	ppm	AP-053:2009		1540	636	788
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		50.2	51.1	51.0
Freezing Point	°F	ASTM D3321		-35	-38	-38
Total Dissolved Solids				274.5	258.0	255.0
Carboxylate				n/a	n/a	fail

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		75	47	151
Phosphorus	ppm	ASTM D6130		22	5	44
Boron	ppm	ASTM D6130		376	329	635
Molybdenum	ppm	ASTM D6130		1	0	9

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	0	0	4
Aluminum	ppm	ASTM D6130	>10	0	<1	<1
Copper	ppm	ASTM D6130	>10	2	<1	4
Lead	ppm	ASTM D6130	>10	0	0	<1
Tin	ppm	ASTM D6130	>10	0	0	1
Zinc	ppm	ASTM D6130		0	0	<1

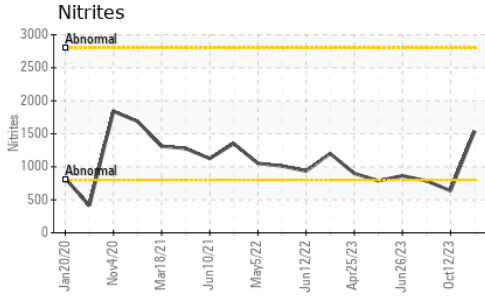
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		0	0	19

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		2234	1988	3530
Potassium	ppm	ASTM D6130		96	14	106

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

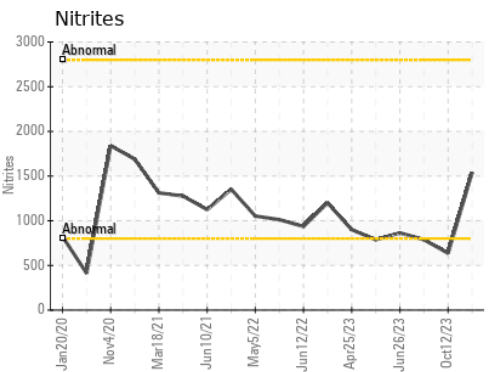
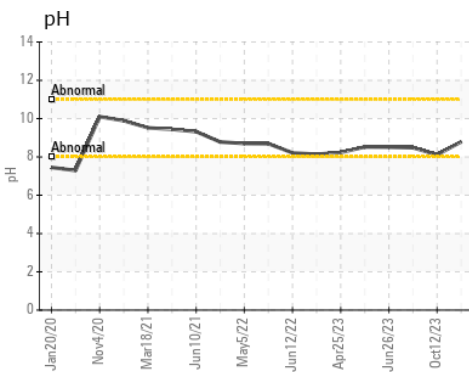
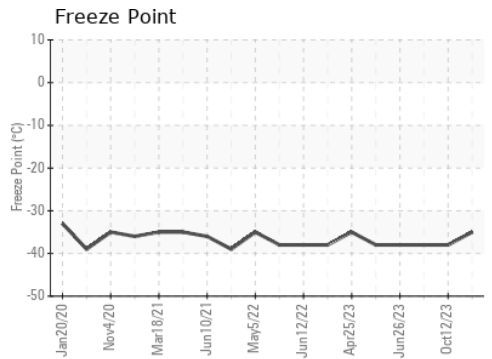
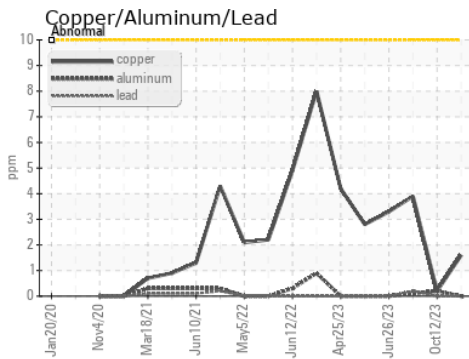
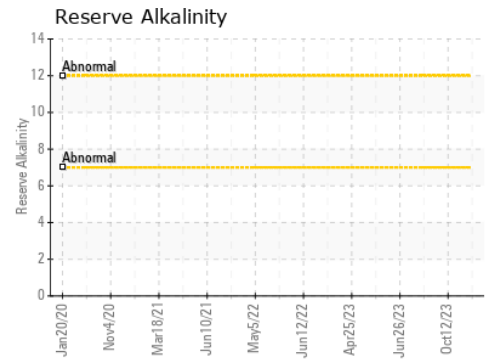
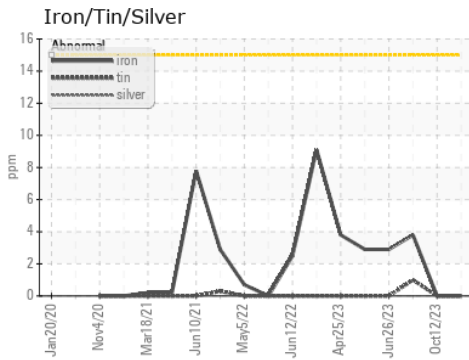


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0775186
Lab Number : 06144807
Unique Number : 10969615
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

EDL NA Recips-Zook
 Zook Powerstation, 388 E. Main Street
 Leola, PA
 US 17540-1925
 Contact: Kevin Johnson
 kevin.johnson@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)

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F: