

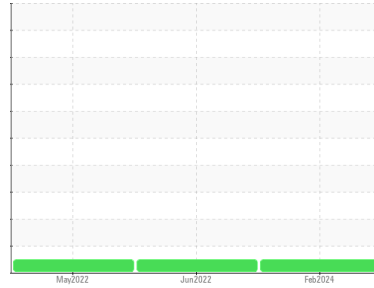


COOLANT REPORT

Sample Rating Trend

NORMAL

Area
THUNDER SPIRIT [200005313]
 Machine Id
05WEA84022 - CONVERTER (S/N EWP01577)
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- LTR)



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		NX015528	NX011151	NX010573
Sample Date	Client Info		22 Feb 2024	02 Jun 2022	06 May 2022
Machine Age	hrs	Client Info	59867	0	0
Oil Age	hrs	Client Info	0	0	0
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		1.079	1.076	1.079
pH	Scale 0-14	ASTM D1287	7.86	8.72	7.80
Nitrites	ppm	AP-053:2009	824	448	560
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	59.9	56.9	59.5
Freezing Point	°F	ASTM D3321	-56	-50	-56
Total Dissolved Solids			334.5	256.5	323.5
Carboxylate			n/a	n/a	n/a

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	12	80	20
Phosphorus	ppm	ASTM D6130	1513	877	1173
Boron	ppm	ASTM D6130	247	307	440
Molybdenum	ppm	ASTM D6130	2	269	1

CORROSION

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D6130	>15	2	39	0
Aluminum	ppm	ASTM D6130	>10	1	<1	0
Copper	ppm	ASTM D6130	>10	1	<1	<1
Lead	ppm	ASTM D6130	>10	1	0	0
Tin	ppm	ASTM D6130	>10	0	0	0
Zinc	ppm	ASTM D6130		0	5	0

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	19	26	0

CARRIER SALTS

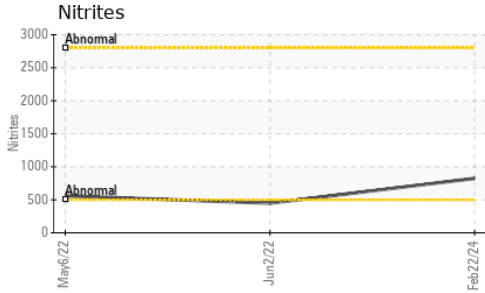
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	341	513	351
Potassium	ppm	ASTM D6130	4256	1902	2586

SCALE POTENTIAL

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

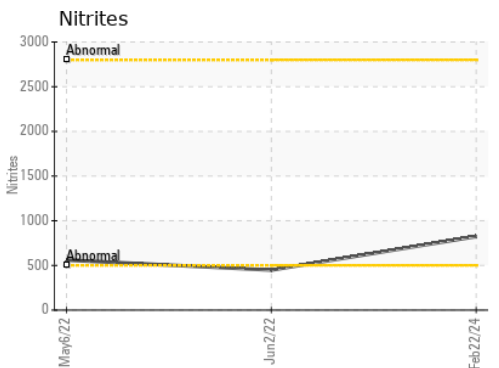
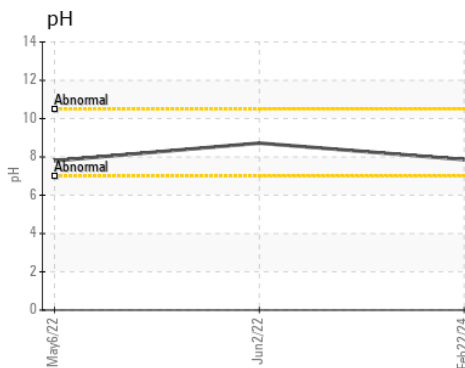
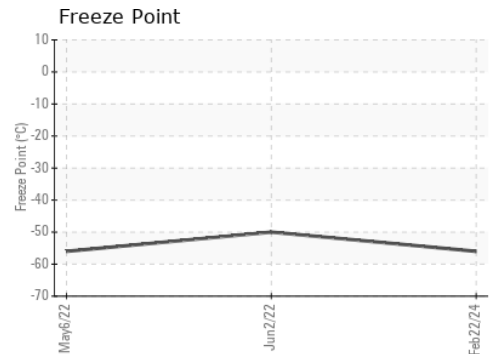
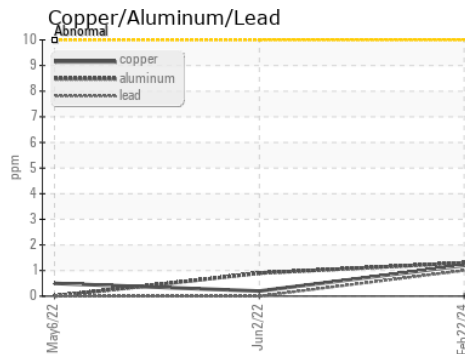
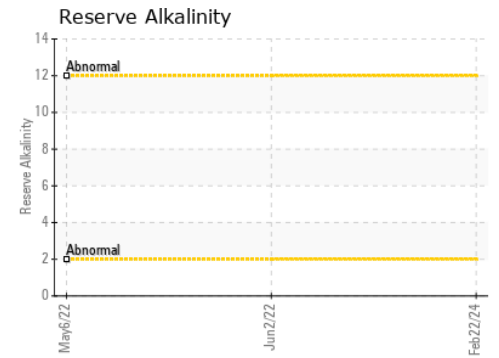
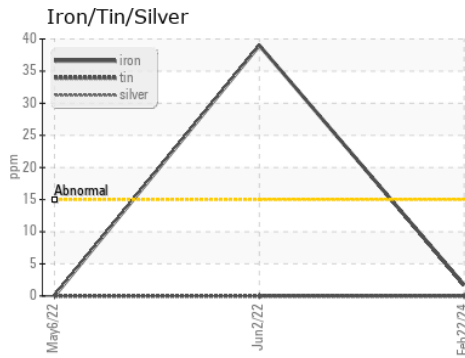


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX015528
Lab Number : 06123301
Unique Number : 10937452
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

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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)