



COOLANT REPORT

Sample Rating Trend

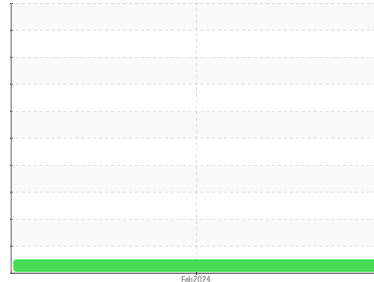
NORMAL



Machine Id
Pinconning Compressor 1 PINM01CP

Component
Coolant

Fluid
EXTENDED LIFE COOLANT (--- GAL)



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	WC0840751	---	---
Sample Date	Client Info	22 Feb 2024	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Glycol Type	FT-IR	---	---	---
Specific Gravity	*ASTM D1298	1.072	---	---
pH	Scale 0-14 ASTM D1287	8.28	---	---
Nitrites	ppm AP-053:2009	1012	---	---
Reserve Alkalinity	Scale 0-20 *ASTM D1121	---	---	---
Percentage Glycol	% ASTM D3321	53.6	---	---
Freezing Point	°F ASTM D3321	-43	---	---
Boiling Point	°C WC Method	226	---	---
Total Dissolved Solids		183.0	---	---
Carboxylate		n/a	---	---

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130	42	---	---
Phosphorus	ppm ASTM D6130	52	---	---
Boron	ppm ASTM D6130	278	---	---
Molybdenum	ppm ASTM D6130	105	---	---

CORROSION

method	limit/base	current	history1	history2
Iron	ppm ASTM D6130 >15	6	---	---
Aluminum	ppm ASTM D6130 >10	<1	---	---
Copper	ppm ASTM D6130 >10	5	---	---
Lead	ppm ASTM D6130 >10	1	---	---
Tin	ppm ASTM D6130 >10	<1	---	---
Zinc	ppm ASTM D6130	2	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130	14	---	---

CARRIER SALTS

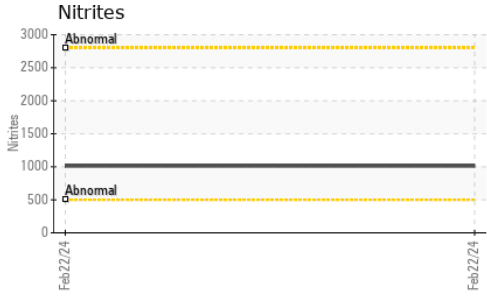
method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130	1858	---	---
Potassium	ppm ASTM D6130	137	---	---



SCALE POTENTIAL

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

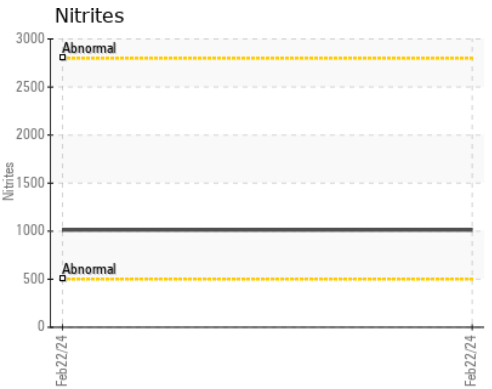
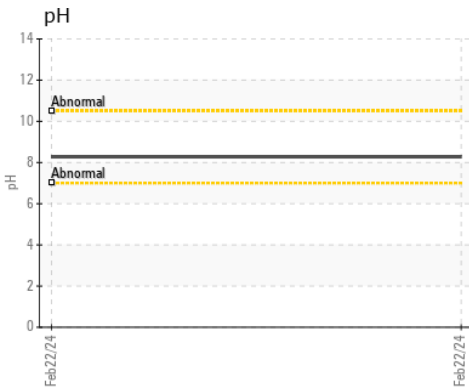
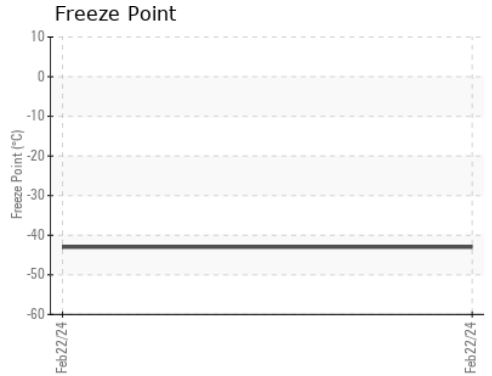
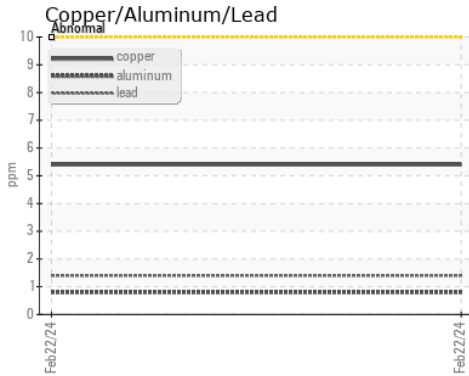
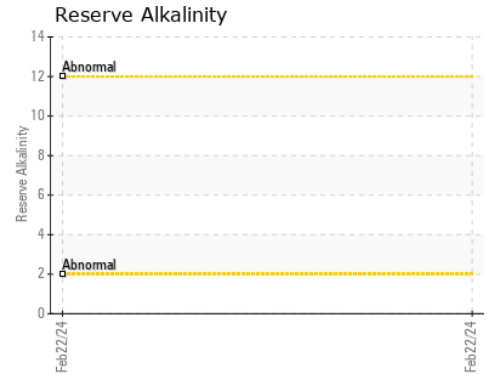
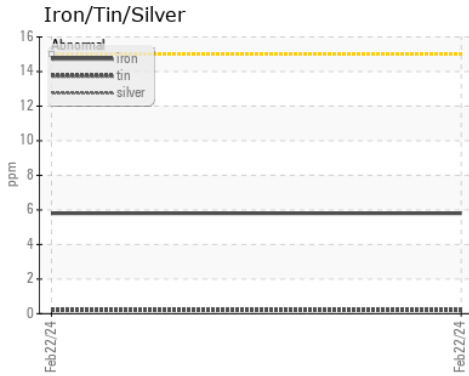


COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Orange	---	---
Coolant Appearance	*Visual	Clear	normal	---	---
Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0840751 **Received** : 26 Feb 2024
Lab Number : 06100609 **Tested** : 27 Feb 2024
Unique Number : 10898839 **Diagnosed** : 28 Feb 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

EDL NA Recips-Pinconning
 Pinconning Powerstation, 2403 E. Whitefeather Road
 Pinconning, MI
 US 48650
 Contact: DOUG HINE
 doug.hine@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: