



PERFORMANCE
UNDER
PRESSURE

COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	ABNORMAL
COOLANT CONDITION	ABNORMAL

Machine Id
0 GLYCOL LOOP

Component
Coolant
Fluid
{not provided} (1500 GAL)

RECOMMENDATION

We recommend drain/flush system, and refill with 50/50 antifreeze water mixture. We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's recommendations.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		RP0038281	---	---
Sample Date		Client Info		02 Oct 2023	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---

CORROSION

All metal levels are normal indicating no corrosion in the cooling system.

Iron	ppm	ASTM D6130	>15	12	---	---
Aluminum	ppm	ASTM D6130	>10	4	---	---
Copper	ppm	ASTM D6130	>10	10	---	---
Lead	ppm	ASTM D6130	>10	0	---	---
Tin	ppm	ASTM D6130	>10	0	---	---
Zinc	ppm	ASTM D6130	>10	0	---	---

CONTAMINANTS

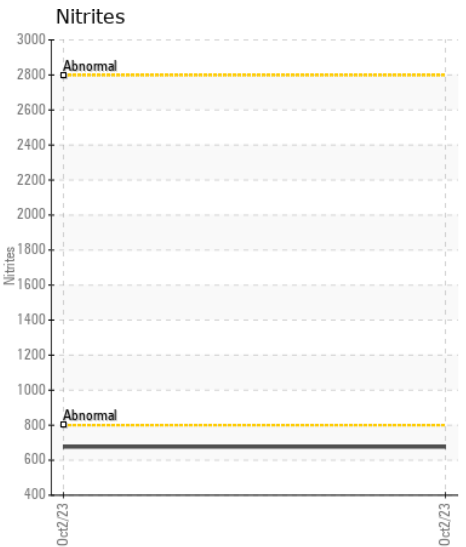
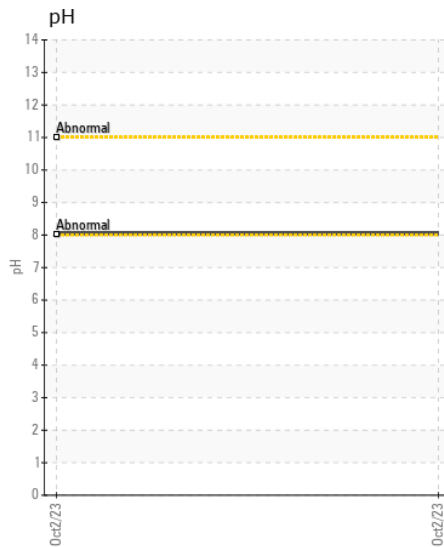
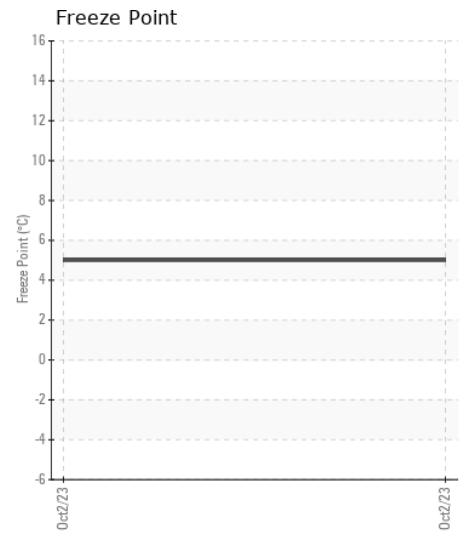
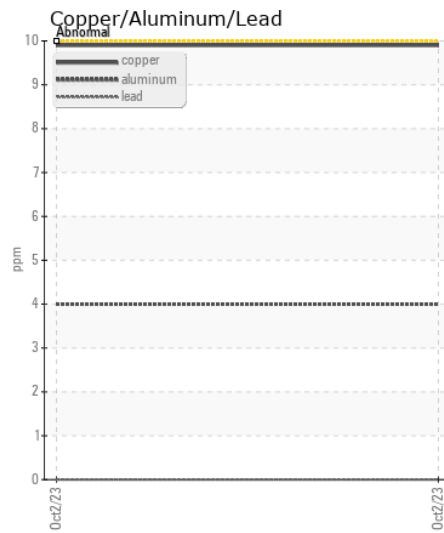
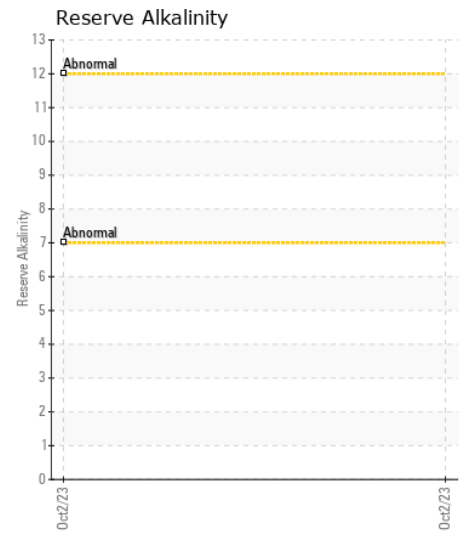
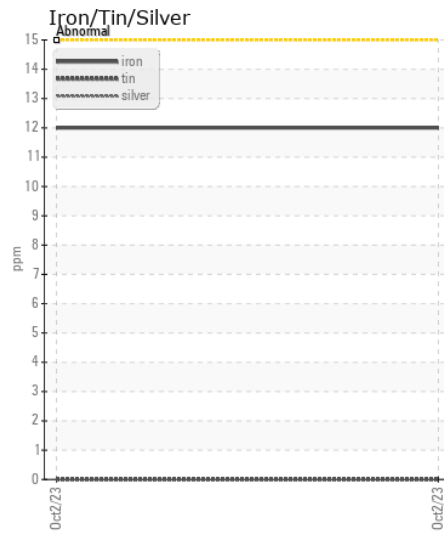
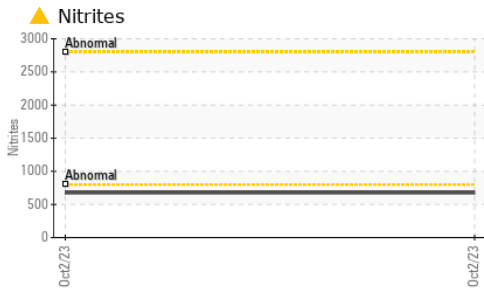
Sediment present.

Calcium	ppm	ASTM D6130		1	---	---
Chlorine	ppm	ASTM D6130		4727	---	---
Magnesium	ppm	ASTM D6130		2	---	---
Total Dissolved Solids				568.0	---	---
Coolant Appearance		*Visual	Clear	▲ sediment	---	---

COOLANT CONDITION

The glycol level is lower than acceptable. The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits.

Specific Gravity		*ASTM D1298		1.040	---	---
pH	Scale 0-14	ASTM D1287		8.04	---	---
Nitrites	ppm	AP-053:2009		676	---	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		▲ 29.8	---	---
Freezing Point	°F	ASTM D3321		5	---	---
Carboxylate				n/a	---	---
Silicon	ppm	ASTM D6130		12	---	---
Phosphorus	ppm	ASTM D6130		90	---	---
Boron	ppm	ASTM D6130		40	---	---
Molybdenum	ppm	ASTM D6130		126	---	---
Sodium	ppm	ASTM D6130		1096	---	---
Potassium	ppm	ASTM D6130		8599	---	---
Coolant Color		*Visual		Yllow	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0038281
Lab Number : 05985958
Unique Number : 10708620
Test Package : COOL- (Additional Tests: COOL, ICP)

Received : 20 Oct 2023
Tested : 26 Oct 2023
Diagnosed : 30 Oct 2023 - Jonathan Hester

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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