



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
OKLAHOMA/102/TR - MOTOR GRADER
 Machine Id
78.80 [OKLAHOMA^102^TR - MOTOR GRADER]

Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. The fluid is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0857471	WC0769742	WC0590298
Sample Date		Client Info		28 Feb 2024	20 Sep 2023	08 Sep 2021
Machine Age	hrs	Client Info		32159	22872	1366
Oil Age	hrs	Client Info		500	600	0
Oil Changed		Client Info		Not Changd	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

CORROSION

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

Iron	ppm	ASTM D6130	>15	3	0	<1
Aluminum	ppm	ASTM D6130	>10	0	0	<1
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	>10	0	0	0

CONTAMINANTS

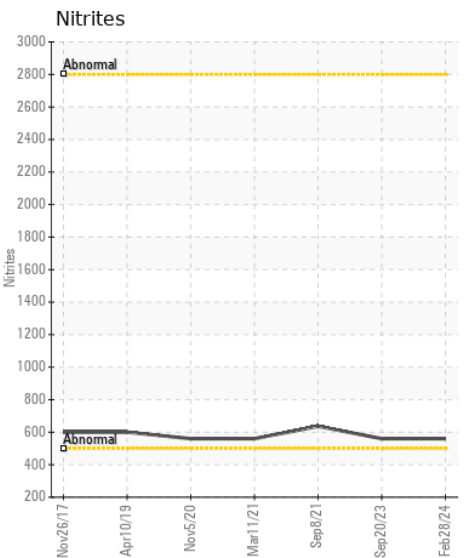
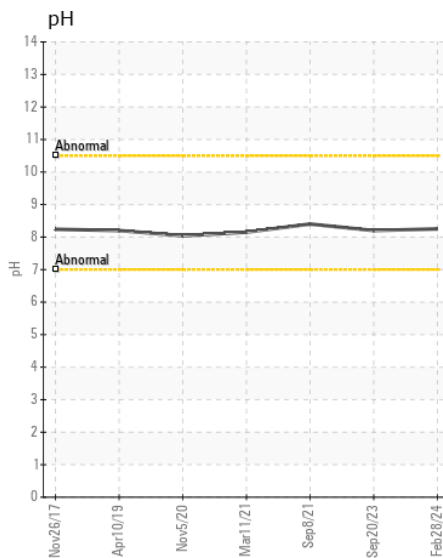
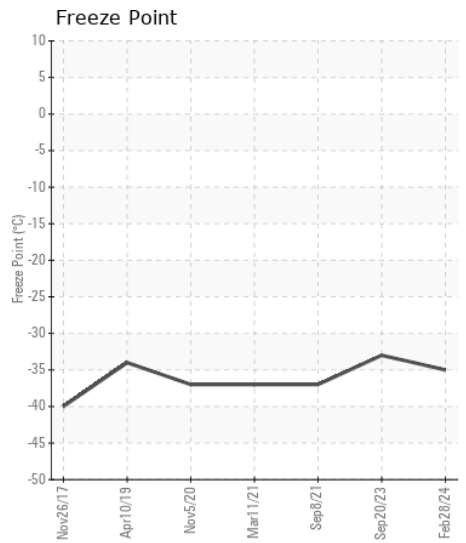
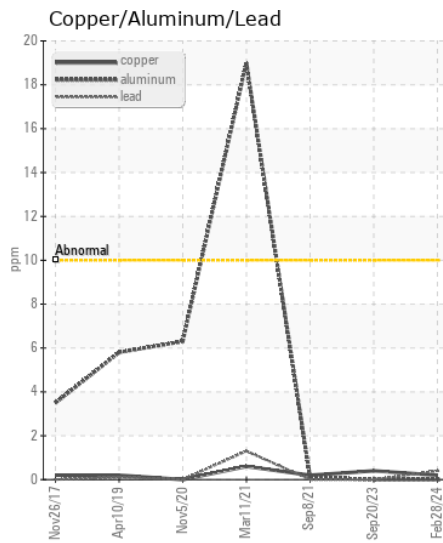
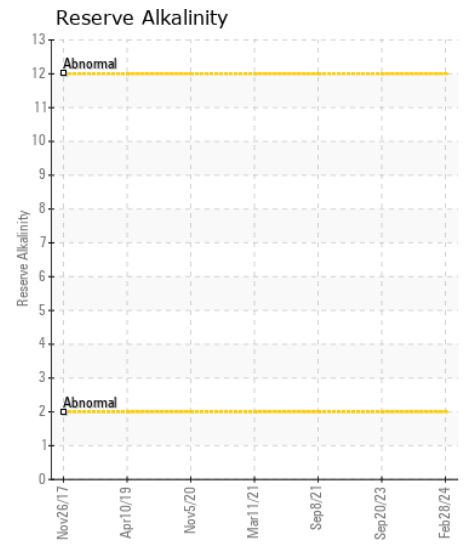
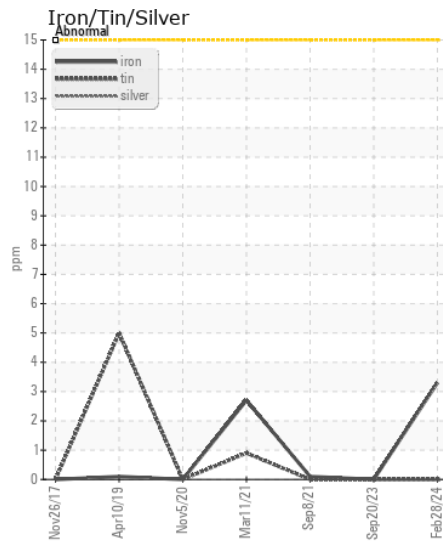
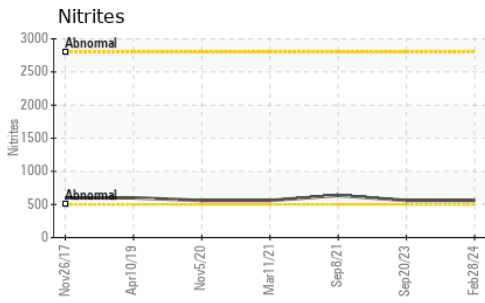
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D6130		2	4	<1
Chlorine	ppm	ASTM D6130		4	9	6
Magnesium	ppm	ASTM D6130		<1	1	1
Total Dissolved Solids				334.0	350.5	354.5
Coolant Appearance		*Visual	Clear	normal	normal	normal

COOLANT CONDITION

Carboxylate test failed. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits.

Boiling Point	°C	WC Method		225	---	---
Specific Gravity		*ASTM D1298		1.068	1.067	---
pH	Scale 0-14	ASTM D1287		8.25	8.20	8.40
Nitrites	ppm	AP-053:2009		560	560	636
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		50.1	49.8	49
Freezing Point	°F	ASTM D3321		-35	-33	-37
Carboxylate				fail	fail	fail
Silicon	ppm	ASTM D6130		7	20	22
Phosphorus	ppm	ASTM D6130		<1	0	3
Boron	ppm	ASTM D6130		0	4	0
Molybdenum	ppm	ASTM D6130		608	928	1106
Sodium	ppm	ASTM D6130		3633	5311	3430
Potassium	ppm	ASTM D6130		21	7	16
Coolant Color		*Visual		Red	Red	Red



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0857471 **Received** : 18 Mar 2024
Lab Number : 06121321 **Tested** : 20 Mar 2024
Unique Number : 10930154 **Diagnosed** : 20 Mar 2024 - Jonathan Hester
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)