



# COOLANT REPORT

CORROSION

**NORMAL**

CONTAMINANTS

**NORMAL**

COOLANT CONDITION

**ABNORMAL**

Area

**2H28**

Machine Id

**PETERBILT 337 JTK9851 (S/N 2NP2HM7XXHM442982)**

Component

**Coolant**

Fluid

**EXTENDED LIFE COOLANT (--- GAL)**

## RECOMMENDATION

We recommend that you perform a partial drain and top off with straight water to decrease abnormal level of overconcentrated antifreeze.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>ARI0007521</b>	ARI0006877	ARI0005248
Sample Date		Client Info		<b>12 Apr 2024</b>	09 Oct 2023	14 Jan 2022
Machine Age	mls	Client Info		<b>88131</b>	86792	77328
Oil Age	mls	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>ABNORMAL</b>	NORMAL	ABNORMAL

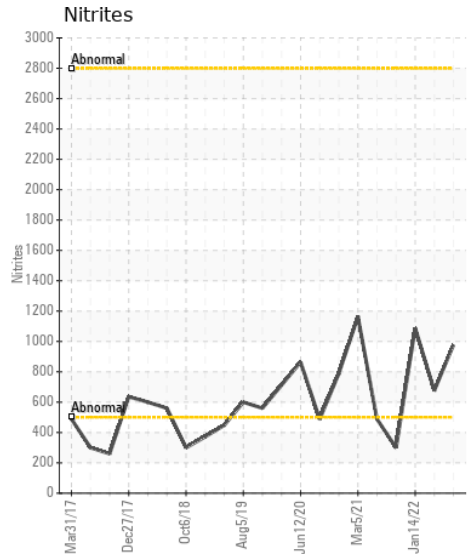
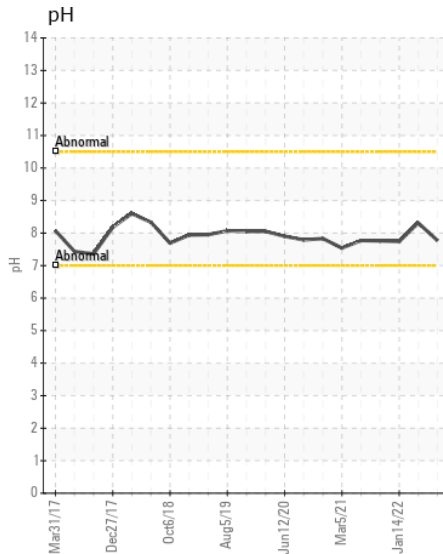
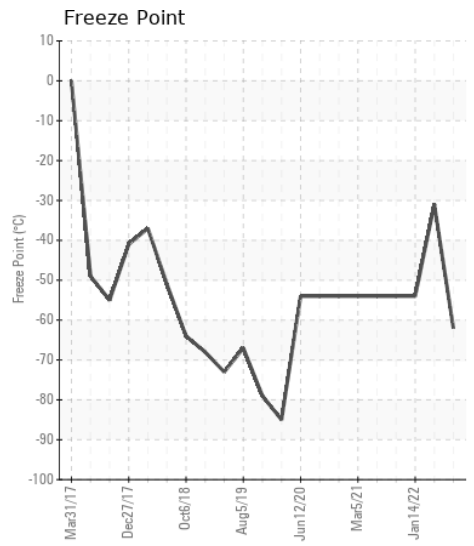
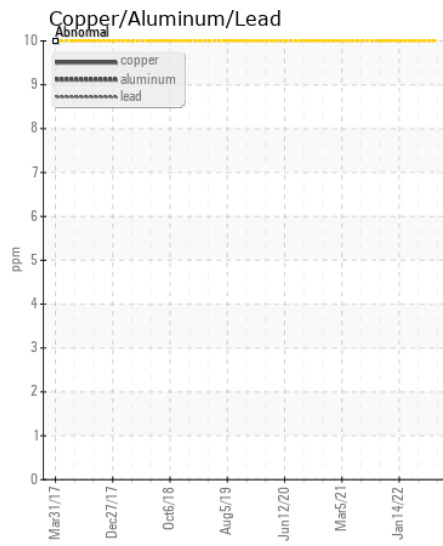
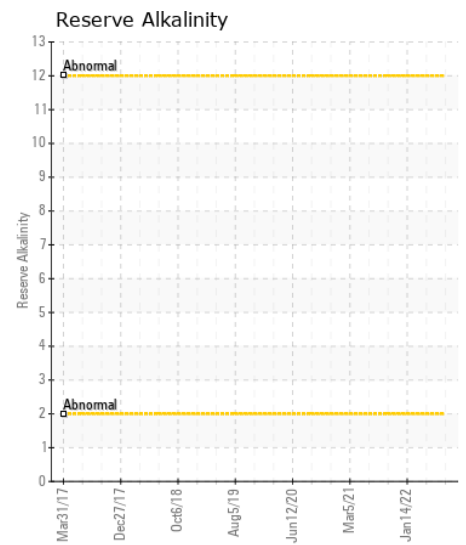
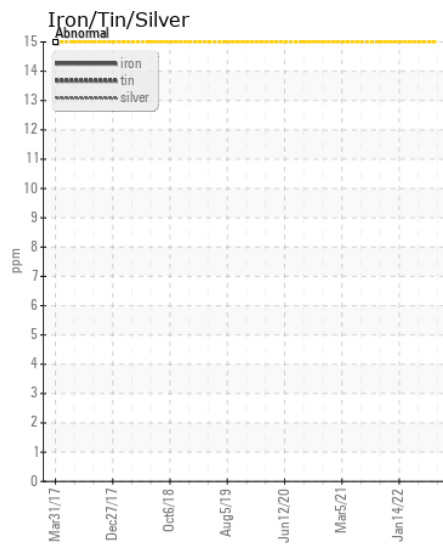
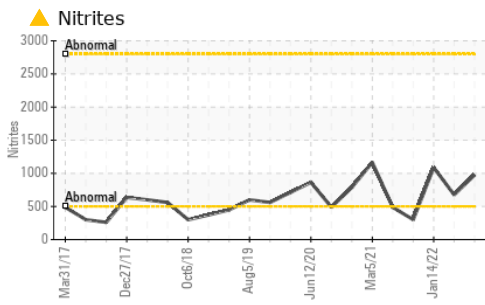
## CORROSION

Total Dissolved Solids				<b>620.5</b>	341.0	689.0
Coolant Appearance		*Visual	Clear	<b>normal</b>	normal	normal

## CONTAMINANTS

There is no indication of any contamination in the coolant.

Boiling Point	°C	WC Method		<b>247</b>	---	---
Specific Gravity		*ASTM D1298		<b>1.095</b>	1.066	---
pH	Scale 0-14	ASTM D1287		<b>7.77</b>	8.31	7.74
Nitrites	ppm	AP-053:2009		<b>976</b>	676	1088
Reserve Alkalinity	Scale 0-20	*ASTM D1121		<b>---</b>	---	---
Percentage Glycol	%	ASTM D3321		<b>▲ 75.4</b>	48.9	▲ 75
Freezing Point	°F	ASTM D3321		<b>-62</b>	-31	▲ OR
Carboxylate				<b>n/a</b>	n/a	n/a
Coolant Color		*Visual		<b>Red</b>	Red	Red



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ARI0007521 **Received** : 17 Apr 2024  
**Lab Number** : 06152501 **Tested** : 18 Apr 2024  
**Unique Number** : 10982579 **Diagnosed** : 23 Apr 2024 - Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType )

**INSITUFORM TECHNOLOGIES, INC**  
 709 EAST ORDNANCE ROAD SUITE 501  
 BALTIMORE, MD  
 US 21226  
 Contact: ALBERT FRIEDRICH  
 AFRIEDRICH@INSITUFORM.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)

F: