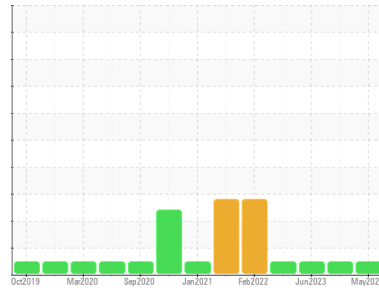




# COOLANT REPORT

Sample Rating Trend



NORMAL



Machine Id  
**WESTERN STAR 72218**  
 Component  
**Coolant**  
 Fluid  
**CONVENTIONAL COOLANT (--- GAL)**

## DIAGNOSIS

### Recommendation

The fluid is suitable for further service.

### 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		<b>WC0681129</b>	WC0920972	WC0680955
Sample Date	Client Info		<b>27 May 2024</b>	29 Apr 2024	04 Jun 2023
Machine Age	hrs	Client Info	<b>18062</b>	18424	15792
Oil Age	hrs	Client Info	<b>638</b>	0	0
Oil Changed	Client Info		<b>Changed</b>	Not Changd	Not Changd
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## PHYSICAL TEST RESULTS

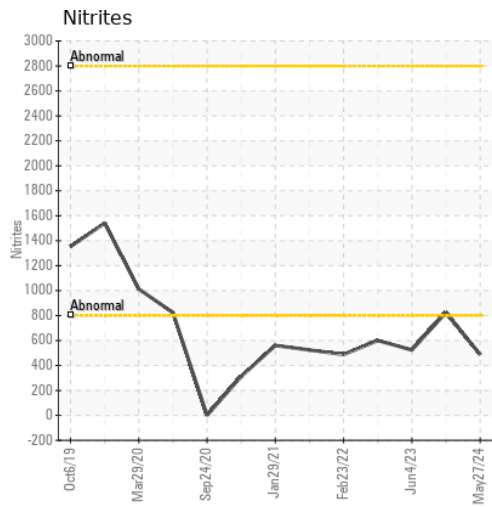
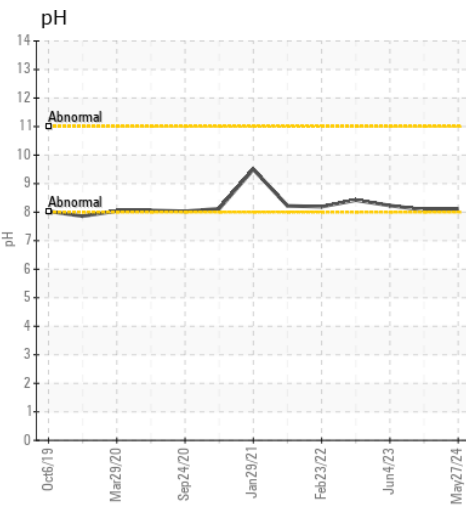
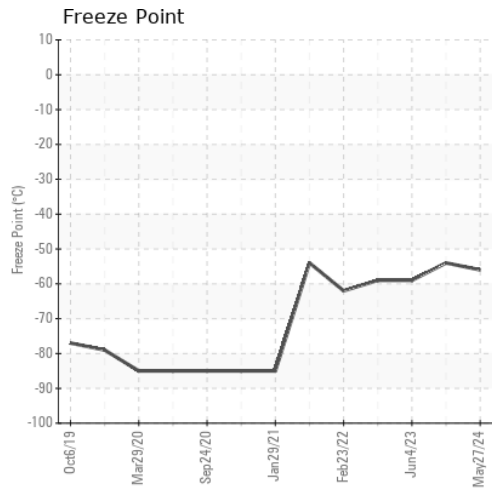
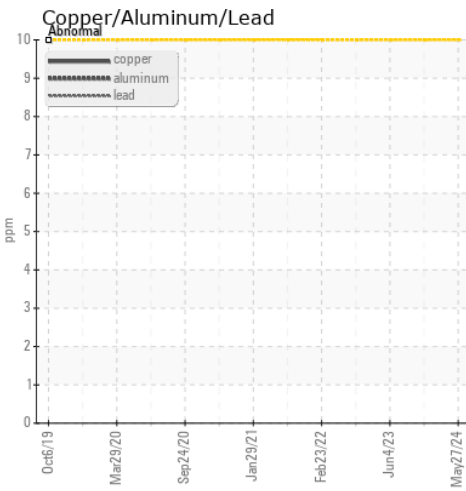
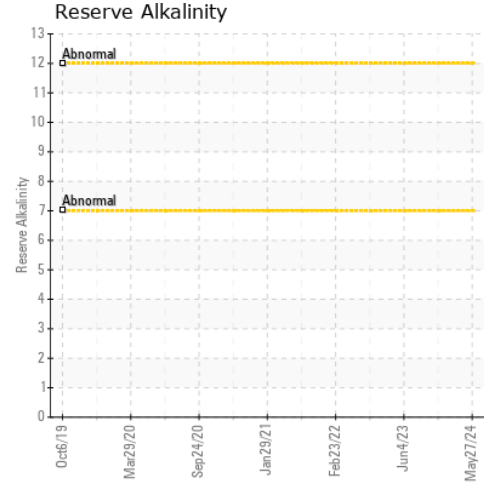
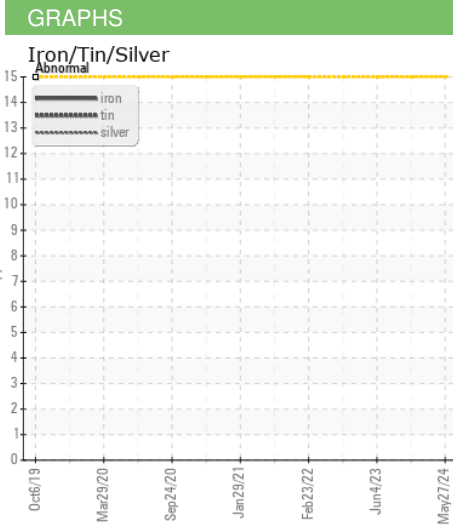
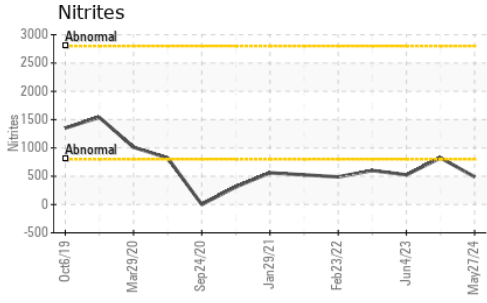
	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		<b>1.079</b>	1.078	1.081
pH	Scale 0-14 ASTM D1287		<b>8.11</b>	8.08	8.23
Nitrites	ppm AP-053:2009		<b>488</b>	824	524
Reserve Alkalinity	Scale 0-20 *ASTM D1121		---	---	---
Percentage Glycol	% ASTM D3321		<b>59.9</b>	58.6	61.5
Freezing Point	°F ASTM D3321		<b>-56</b>	-54	-59
Total Dissolved Solids			<b>510.5</b>	369.5	453.0
Carboxylate			<b>n/a</b>	n/a	n/a

## VISUAL

	method	limit/base	current	history1	history2
Coolant Color	*Visual		<b>Red</b>	Red	LtRed
Coolant Appearance	*Visual	Clear	<b>normal</b>	normal	normal
Color					
Bottom					



# COOLANT REPORT



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0681129 **Received** : 13 Jun 2024  
**Lab Number** : 06209637 **Tested** : 19 Jun 2024  
**Unique Number** : 11077098 **Diagnosed** : 19 Jun 2024 - Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType )

**NANA LYNDEN LOGISTICS**  
 P.O. BOX 570  
 KOTZEBUE, AK  
 US 99752  
 Contact: Mark Tatlow  
 nanalynden@lynden.com  
 T: (907)754-5551  
 F: (800)418-0974

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)