



TRAAP

Texas Refinery Advanced Analysis Program

CORROSION

NORMAL

CONTAMINANTS

NORMAL

COOLANT CONDITION

NORMAL

COOLANT REPORT

Machine Id  
**CATERPILLAR 972H L10 A7D01072**

Component  
**Coolant**

Fluid  
**DELO PREMIXED ELC 50/50 (--- 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		<b>TR06196167</b>	TR06171900	TR06119946
Sample Date		Client Info		<b>17 May 2024</b>	23 Apr 2024	21 Feb 2024
Machine Age	hrs	Client Info		<b>12036</b>	11874	11532
Oil Age	hrs	Client Info		<b>1932</b>	148	1428
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	ABNORMAL

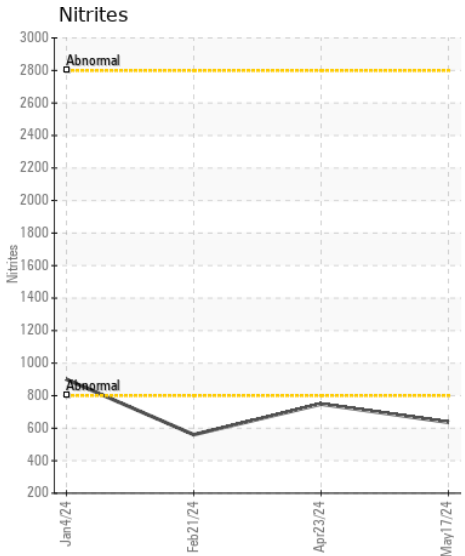
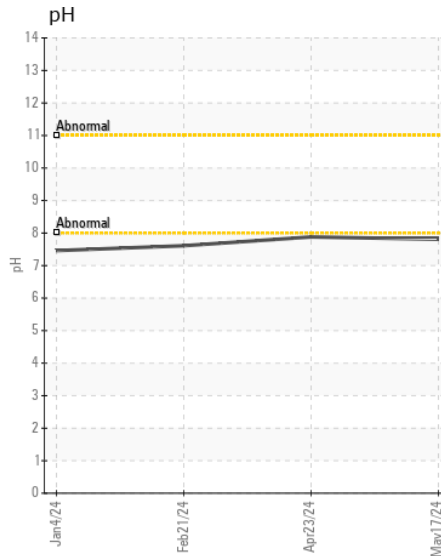
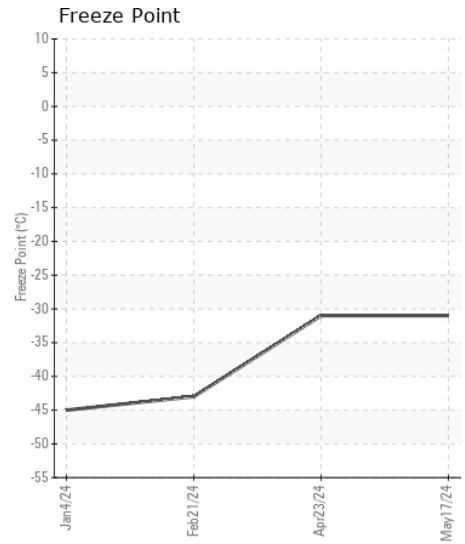
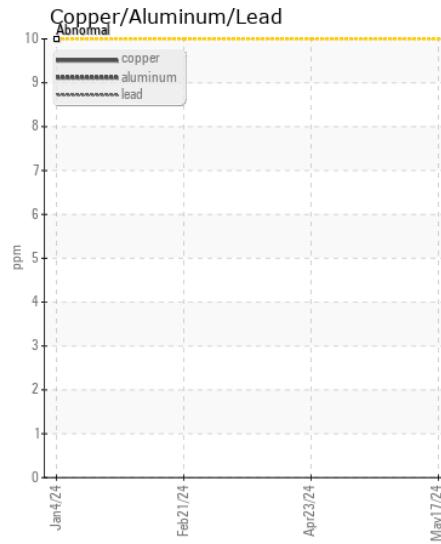
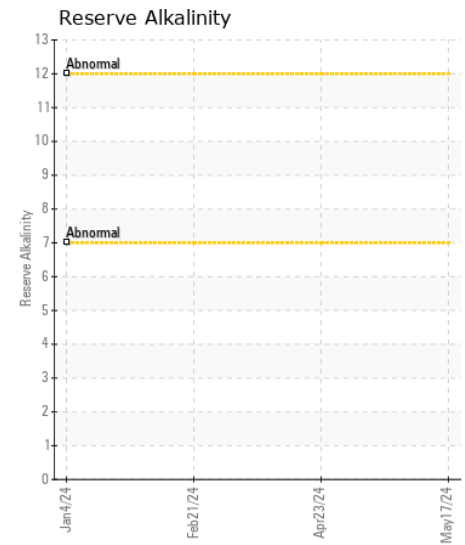
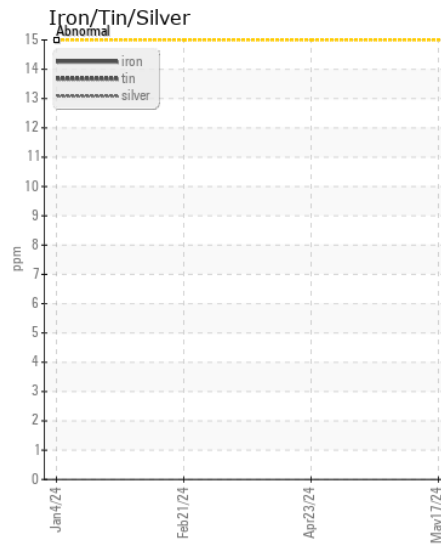
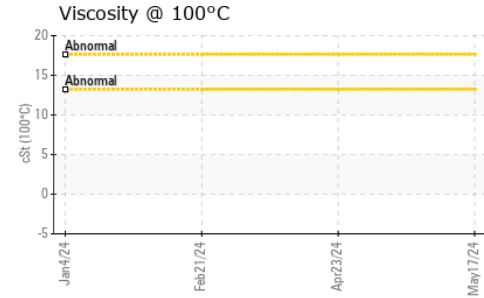
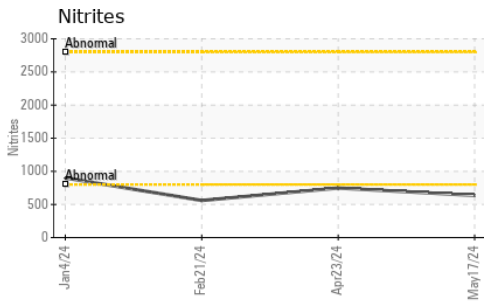
**CORROSION**

Total Dissolved Solids				<b>344.0</b>	324.5	401.0
Coolant Appearance		*Visual	Clear	<b>normal</b>	normal	▲ sediment

**CONTAMINANTS**

There is no indication of any contamination in the coolant.

Boiling Point	°C	WC Method		<b>225</b>	225	226
Specific Gravity		*ASTM D1298		<b>1.065</b>	1.065	1.072
pH	Scale 0-14	ASTM D1287		<b>7.81</b>	7.88	7.61
Nitrites	ppm	AP-053:2009		<b>636</b>	748	560
Reserve Alkalinity	Scale 0-20	*ASTM D1121		<b>---</b>	---	---
Percentage Glycol	%	ASTM D3321		<b>48.0</b>	48.1	53.9
Freezing Point	°F	ASTM D3321		<b>-31</b>	-31	-43
Carboxylate				<b>fail</b>	fail	fail
Coolant Color		*Visual		<b>Red</b>	Red	Red



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : TR06196167  
**Lab Number** : 06196167  
**Unique Number** : 11058290  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType, KV100 )

**Received** : 30 May 2024  
**Tested** : 04 Jun 2024  
**Diagnosed** : 04 Jun 2024 - Jonathan Hester

**BARR-TECH COMPOSTING**  
 9117 KALLENBERGER RD N  
 SPRAGUE, WA  
 US 99032  
 Contact: RON GROGAN

To discuss this sample report, contact Customer Service at 1-800-827-0711.

\* - 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)

T: (509)590-0437

F: