



COOLANT REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	ABNORMAL



Area
[20242918]
 Machine Id
Caterpillar 4560 New Design Gen 1
 Component
Radiator Coolant
 Fluid
{not provided} (45 GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		DC0037068	---	---
Sample Date		Client Info		25 Jun 2024	---	---
Machine Age	yrs	Client Info		0	---	---
Oil Age	yrs	Client Info		0	---	---
Filter Age	yrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---

WEAR

Total Dissolved Solids				13.0	---	---
Coolant Appearance		*Visual	Clear	▲ cloudy	---	---

CONTAMINATION

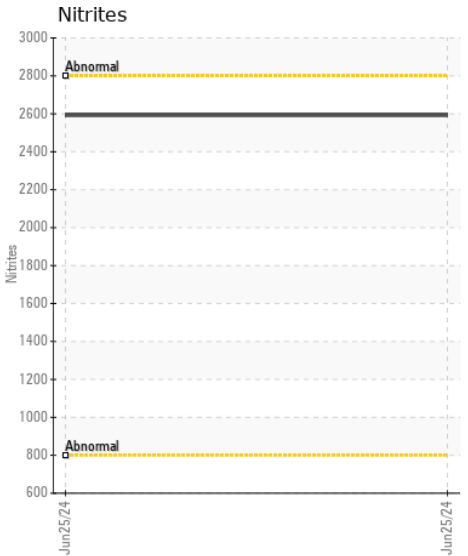
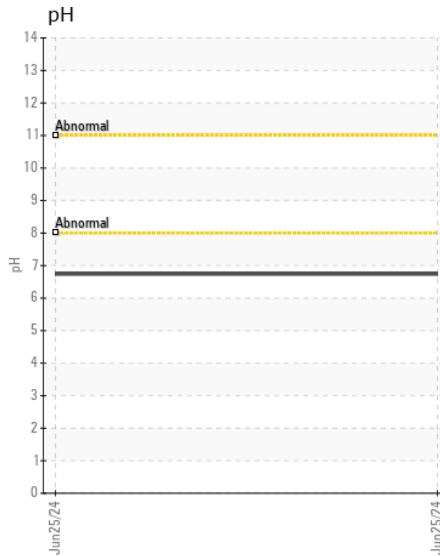
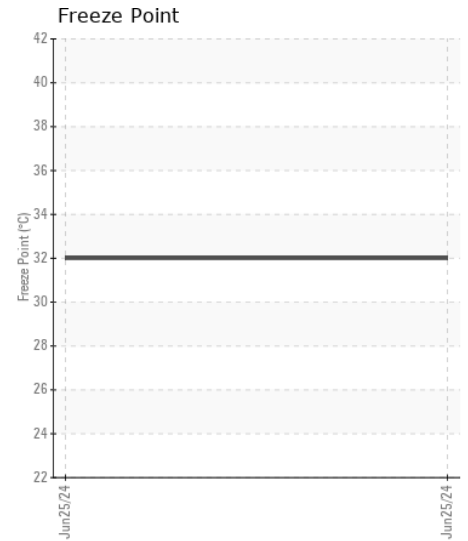
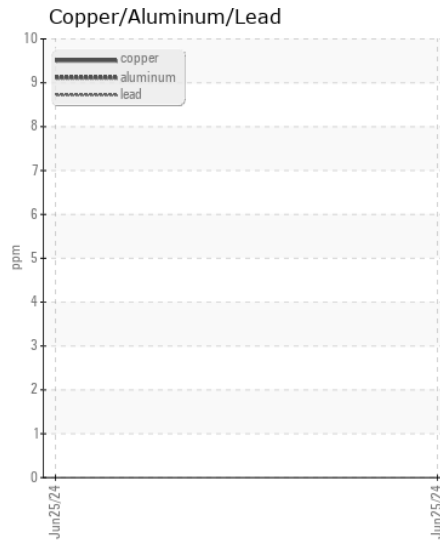
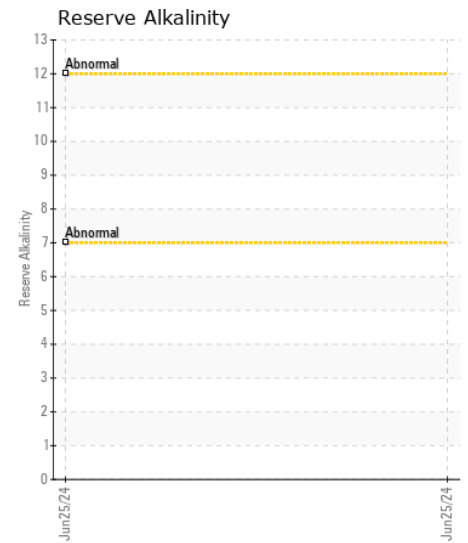
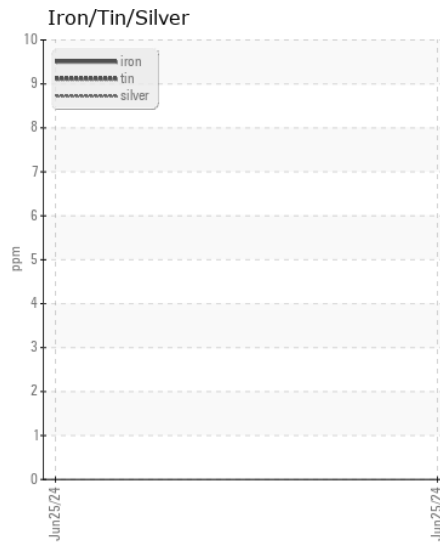
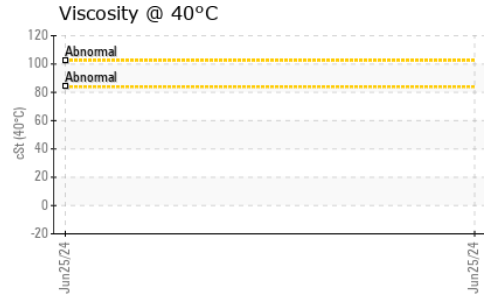
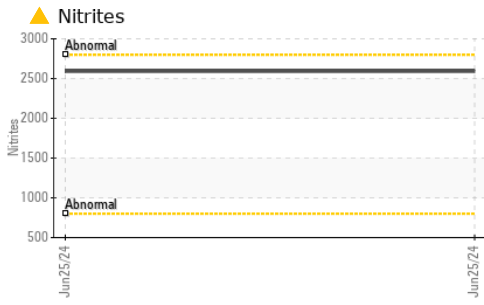
Water		WC Method		NEG	---	---
-------	--	-----------	--	-----	-----	-----

FLUID CONDITION

Contamination in the coolant.

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

Boiling Point	°C	WC Method		212	---	---
Specific Gravity		*ASTM D1298		1.000	---	---
pH	Scale 0-14	ASTM D1287		6.74	---	---
Nitrites	ppm	AP-053:2009		2592	---	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		▲ 0.1	---	---
Freezing Point	°F	ASTM D3321		32	---	---
Carboxylate				n/a	---	---
Coolant Color		*Visual		Yllow	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : DC0037068

Lab Number : 06234389

Unique Number : 11123223

Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP, KV40, SCREEN)

Received : 11 Jul 2024

Tested : 16 Jul 2024

Diagnosed : 16 Jul 2024 - Jonathan Hester

JE RICHARDS

4600 HARGROVE DR

LANHAM, MD

US 20706

Contact: E. NOEL

enoel@phalconusa.com

T: (240)623-4398

F:

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)