

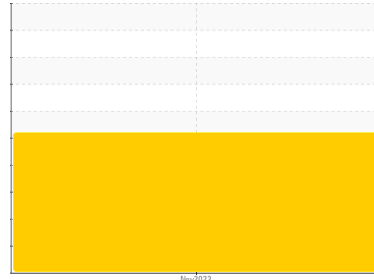


COOLANT REPORT

Sample Rating Trend

OFF SPEC

Area
[001]
 Machine Id
MPD-BESS-20
 Component
Coolant
 Fluid
VOLVO PENTA LONG LIFE (--- GAL)



DIAGNOSIS

▲ 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.

Contaminants

There is no indication of any contamination in the coolant.

▲ Coolant Condition

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



SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0885981	---	---
Sample Date	Client Info		28 Nov 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		1.038	---	---
pH	Scale 0-14 ASTM D1287		8.03	---	---
Nitrites	ppm AP-053:2009		▲ 260	---	---
Reserve Alkalinity	Scale 0-20 *ASTM D1121		---	---	---
Percentage Glycol	% ASTM D3321		▲ 28.8	---	---
Freezing Point	°F ASTM D3321		7	---	---
Total Dissolved Solids			196.5	---	---
Carboxylate			n/a	---	---

VISUAL

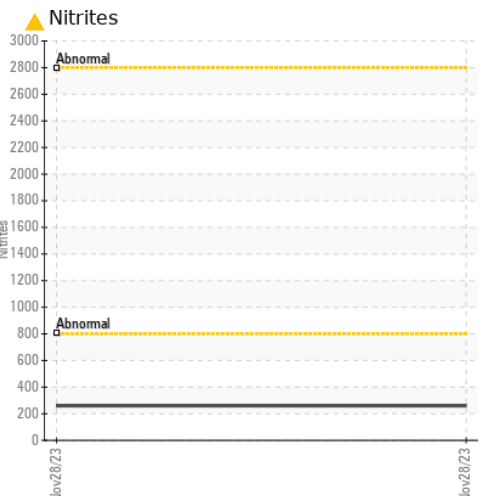
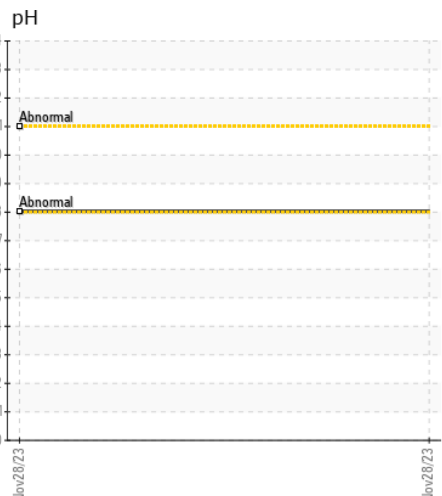
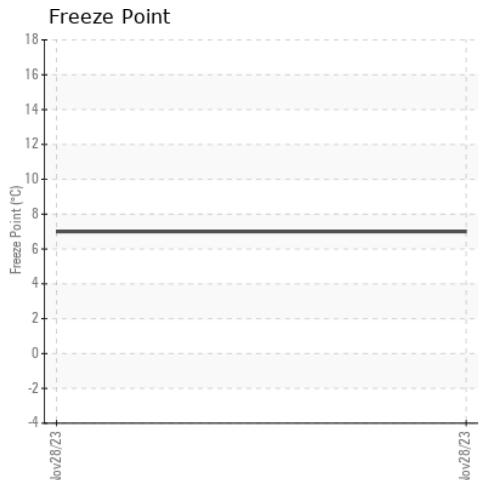
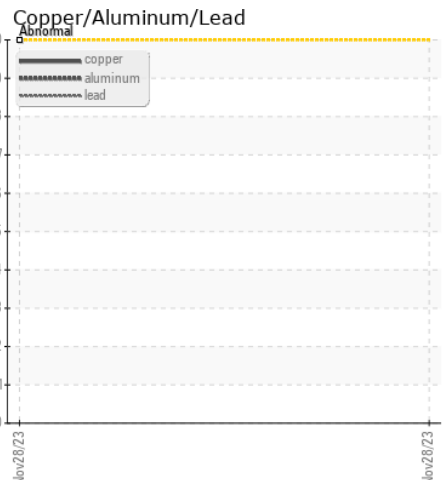
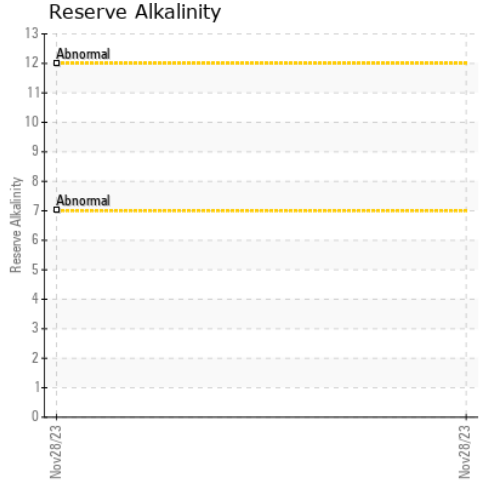
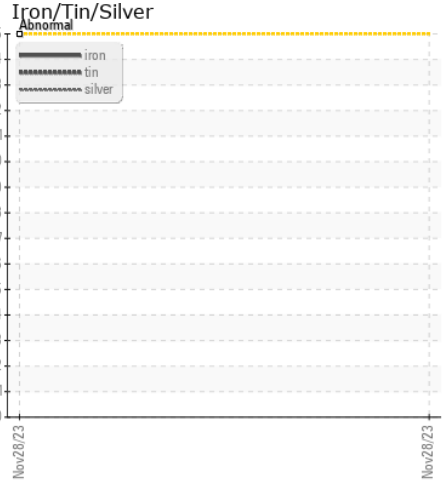
	method	limit/base	current	history1	history2
Coolant Color	*Visual		Yellow	---	---
Coolant Appearance	*Visual	Clear	normal	---	---
Color				no image	no image
Bottom				no image	no image



COOLANT REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0885981 **Received** : 06 Dec 2023
Lab Number : 06027001 **Diagnosed** : 08 Dec 2023
Unique Number : 10776792 **Diagnostician** : Jonathan Hester
Test Package : COOL- (Additional Tests: COOL)

UTILITY INNOVATION GROUP
 55 AIRPORT RD
 CLAYTON, NC
 US 27520
 Contact: JUSTIN FLETCHER
 jfletcher@utilityinnovation.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)

T:
F: