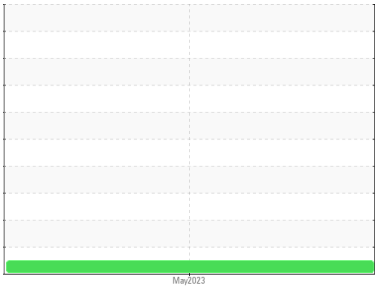
COOLANT REPORT

Sample Rating Trend



NORMAL

Machine Id
NX4099-C02
Component
Coolant
Fluid
HYBRID (HOAT) COOLANT (--- QTS)

DIAGNOSIS

Recommendation
The fluid is suitable for further service. Please note that this is a corrected copy for laboratory data updates.

Corrosion
All metal levels are normal indicating no corrosion in the cooling system.

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.Boiling Point approximately 226F.

SAMPLE INFORMATION		method	limit/base	current	history 1	history 2
Sample Number		Client Info		**WC0751365**	---	---
Sample Date		Client Info		**17 May 2023**	---	---
Machine Age	kms	Client Info		**0**	---	---
Oil Age	kms	Client Info		**0**	---	---
Oil Changed		Client Info		**N/A**	---	---
Sample Status				**NORMAL**	---	---

PHYSICAL TEST RESULTS		method	limit/base	current	history 1	history 2
Specific Gravity		*ASTM D1298		**1.070**	---	---
pH	Scale 0-14	ASTM D1287		**9.72**	---	---
Nitrites	ppm	AP-053:2009		**1276**	---	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		**---**	---	---
Percentage Glycol	%	ASTM D3321		**52.6**	---	---
Freezing Point	°F	ASTM D3321		**-40**	---	---
Total Dissolved Solids				**222.0**	---	---
Carboxylate				**fail**	---	---

CORROSION INHIBITORS		method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D6130		**16**	---	---
Phosphorus	ppm	ASTM D6130		**12**	---	---
Boron	ppm	ASTM D6130		**377**	---	---
Molybdenum	ppm	ASTM D6130		**19**	---	---

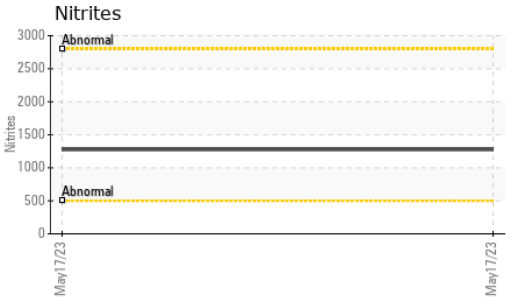
CORROSION		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D6130	>15	**0**	---	---
Aluminum	ppm	ASTM D6130	>10	**8**	---	---
Copper	ppm	ASTM D6130	>10	**1**	---	---
Lead	ppm	ASTM D6130	>10	**<1**	---	---
Tin	ppm	ASTM D6130	>10	**<1**	---	---
Zinc	ppm	ASTM D6130		**<1**	---	---

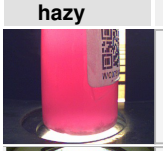
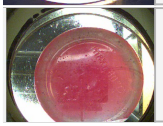
CONTAMINANTS		method	limit/base	current	history 1	history 2
Chlorine	ppm	ASTM D6130		**32**	---	---

CARRIER SALTS		method	limit/base	current	history 1	history 2
Sodium	ppm	ASTM D6130		**2416**	---	---
Potassium	ppm	ASTM D6130		**1855**	---	---

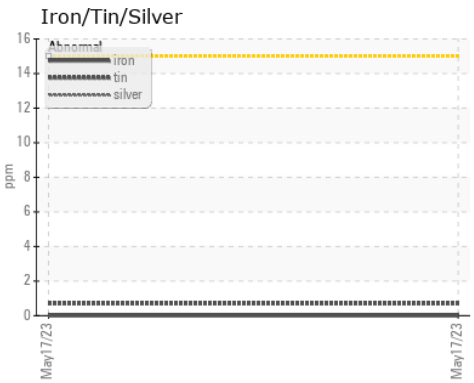
SCALE POTENTIAL		method	limit/base	current	history 1	history 2
Calcium	ppm	ASTM D6130	>100	**<1**	---	---
Magnesium	ppm	ASTM D6130	>40	**<1**	---	---
Hardness	mg/L CaCO3	*In-house	<75	**4**	---	---

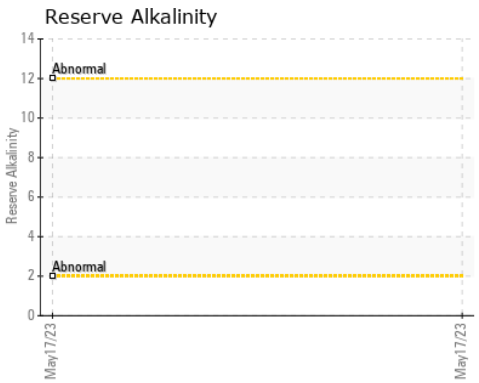
COOLANT REPORT

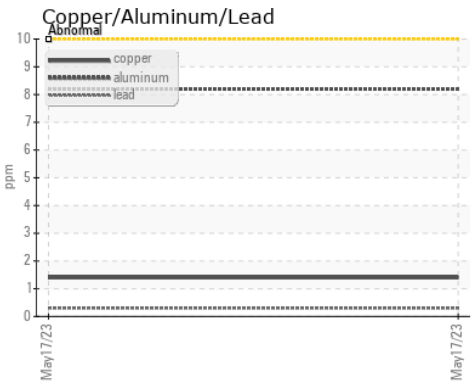


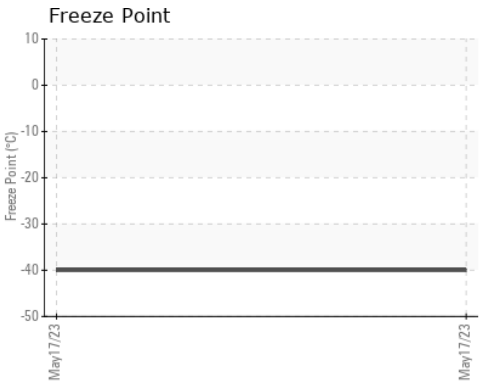
VISUAL		method	limit/base	current	history 1	history 2
Coolant Color		*Visual		**Pink**	---	---
Coolant Appearance		*Visual	Clear	**hazy**	---	---
Color					*no image*	*no image*
Bottom					*no image*	*no image*

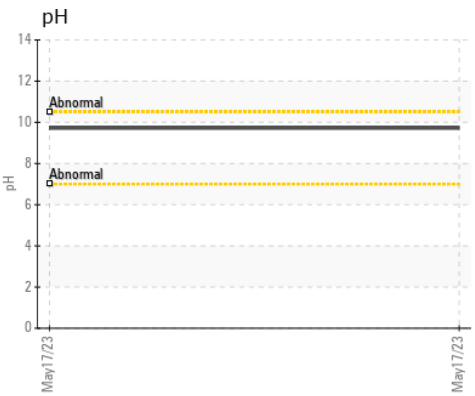
GRAPHS

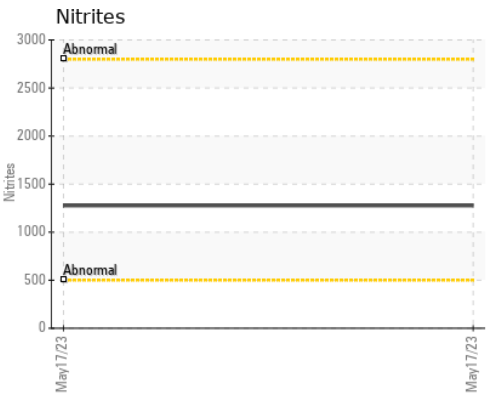












Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0751365 **Received** : 01 Jun 2023
Lab Number : 05862719 **Diagnosed** : 14 Jun 2023
Unique Number : 10497184 **Diagnostician** : Doug Bogart
Test Package : COOL- (Additional Tests: COOL, Hardness, ICP)

AVL POWERTRAIN ENGINEERING INC
47519 HALYARD DRIVE
PLYMOUTH, MI
US 48170-2438
Contact: Service Manager

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: