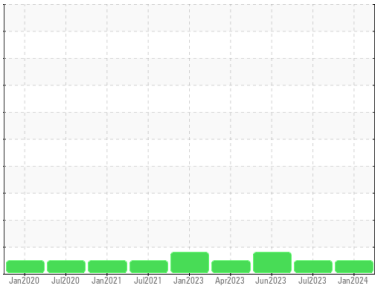
COOLANT REPORT

Machine Id
DECM01BE (S/N ZBA01290)
Component
Jacket Water Coolant
Fluid
CHEVRON HEAVY DUTY PF COOLANT (100 GAL)

Sample Rating Trend



NORMAL

DIAGNOSIS

Recommendation
The fluid is suitable for further service.

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.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**WC0732907**	WC0732927	WC0732944
Sample Date		Client Info		**05 Jan 2024**	06 Jul 2023	07 Jun 2023
Machine Age	hrs	Client Info		**56062**	52544	51906
Oil Age	hrs	Client Info		**56568**	50669	562
Oil Changed		Client Info		**N/A**	Changed	Not Changd
Sample Status				**NORMAL**	NORMAL	ABNORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		**1.061**	1.059	1.065
pH	Scale 0-14	ASTM D1287	10.5	**8.95**	9.73	9.02
Nitrites	ppm	AP-053:2009	>800	**976**	1052	900
Reserve Alkalinity	Scale 0-20	*ASTM D1121		**---**	---	---
Percentage Glycol	%	ASTM D3321	50	**45.0**	43.8	48.4
Freezing Point	°F	ASTM D3321	-37	**-24**	-19	-31
Total Dissolved Solids				**263.5**	230.5	241.5
Carboxylate				**n/a**	n/a	fail

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	1000	**55**	211	254
Phosphorus	ppm	ASTM D6130	0	**2**	9	0
Boron	ppm	ASTM D6130		**284**	571	684
Molybdenum	ppm	ASTM D6130		**185**	366	442

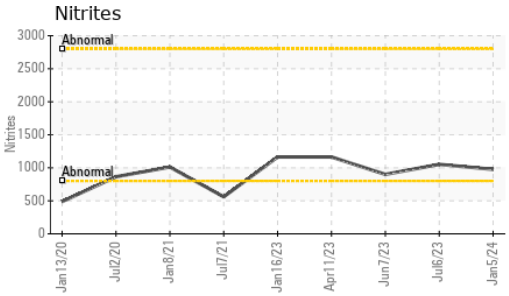
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	**<1**	1	<1
Aluminum	ppm	ASTM D6130	>10	**0**	0	0
Copper	ppm	ASTM D6130	>10	**1**	<1	<1
Lead	ppm	ASTM D6130	>10	**1**	<1	0
Tin	ppm	ASTM D6130	>10	**2**	<1	0
Zinc	ppm	ASTM D6130		**0**	<1	0

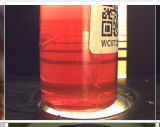
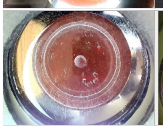
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		**13**	26	0

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		**1745**	3058	3398
Potassium	ppm	ASTM D6130		**14**	180	0

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		**1**	5	<1
Magnesium	ppm	ASTM D6130		**1**	<1	0

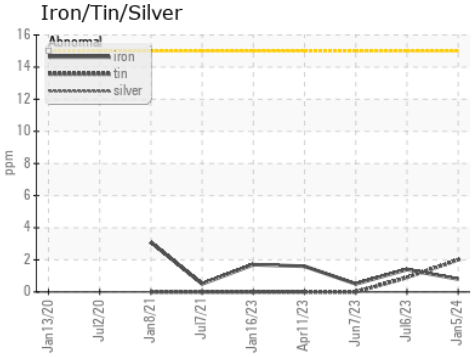
COOLANT REPORT



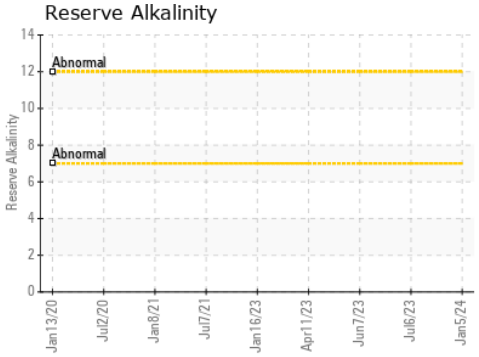
VISUAL		method	limit/base	current	history1	history2
Coolant Color		*Visual	Grn/Prpl	**Red**	Pink	Brown
Coolant Appearance		*Visual	Clear	**normal**	normal	▲ sediment
Color						
Bottom						

GRAPHS

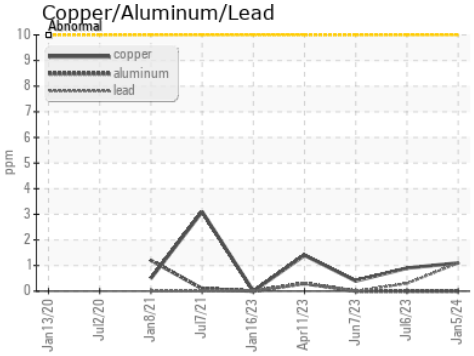
Iron/Tin/Silver



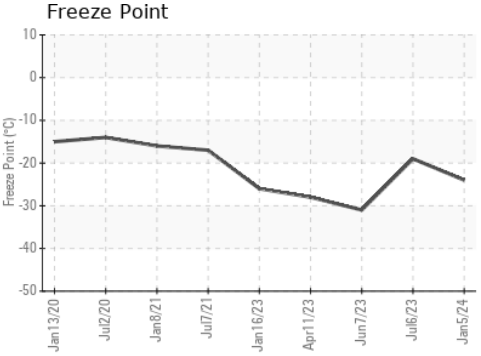
Reserve Alkalinity



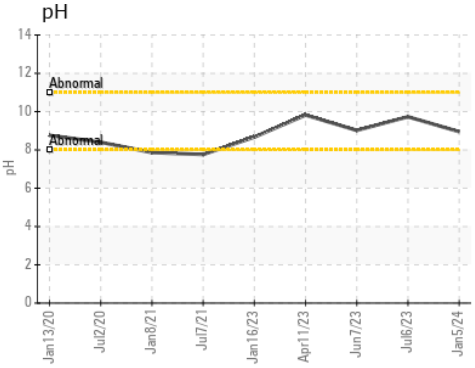
Copper/Aluminum/Lead



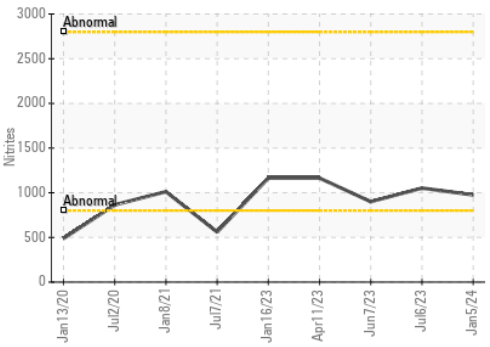
Freeze Point



pH



Nitrites



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0732907 **Recieved** : 09 Jan 2024
Lab Number : 06056119 **Diagnosed** : 11 Jan 2024
Unique Number : 10822068 **Diagnostician** : Doug Bogart
Test Package : COOL- (Additional Tests: COOL, ICP)

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)

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