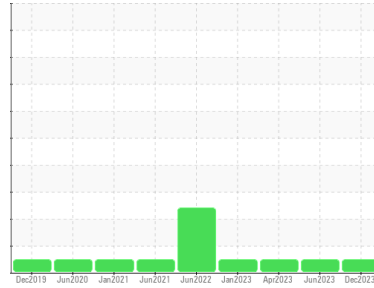




COOLANT REPORT

Sample Rating Trend



NORMAL



Machine Id
DECM02BE (S/N 4EK00128)
 Component
Jacket Water Coolant
 Fluid
CHEVRON HEAVY DUTY PF COOLANT (100 GAL)

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		WC0732868	WC0732948	WC0732992
Sample Date	Client Info		05 Dec 2023	07 Jun 2023	11 Apr 2023
Machine Age	hrs	Client Info	57873	53976	52735
Oil Age	hrs	Client Info	898	560	280
Oil Changed	Client Info		Not Chngd	Not Chngd	Changed
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		1.067	1.066	1.065
pH	Scale 0-14 ASTM D1287	10.5	8.18	8.10	8.94
Nitrites	ppm AP-053:2009	>800	636	412	676
Reserve Alkalinity	Scale 0-20 *ASTM D1121		---	---	---
Percentage Glycol	% ASTM D3321	50	50.0	49.1	48.6
Freezing Point	°F ASTM D3321	-37	-35	-33	-31
Total Dissolved Solids			240.0	233.0	225.5
Carboxylate			n/a	fail	n/a

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130	1000	25	83	120
Phosphorus	ppm ASTM D6130	0	4	0	14
Boron	ppm ASTM D6130		335	683	622
Molybdenum	ppm ASTM D6130		203	423	371

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm ASTM D6130	>15	4	3	8
Aluminum	ppm ASTM D6130	>10	0	0	<1
Copper	ppm ASTM D6130	>10	<1	2	6
Lead	ppm ASTM D6130	>10	<1	0	<1
Tin	ppm ASTM D6130	>10	<1	0	0
Zinc	ppm ASTM D6130		0	0	<1

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		8	0	19

CARRIER SALTS

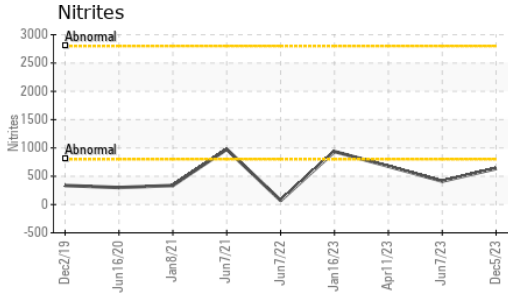
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		1900	3223	3236
Potassium	ppm ASTM D6130		39	31	99

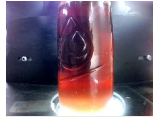
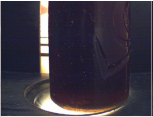




SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		1	0	<1
Magnesium	ppm ASTM D6130		0	0	0

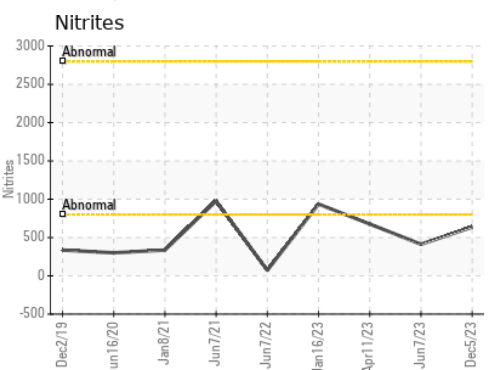
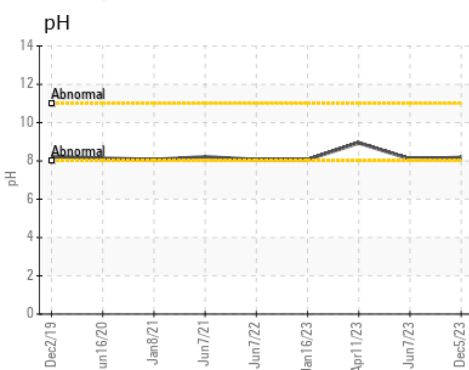
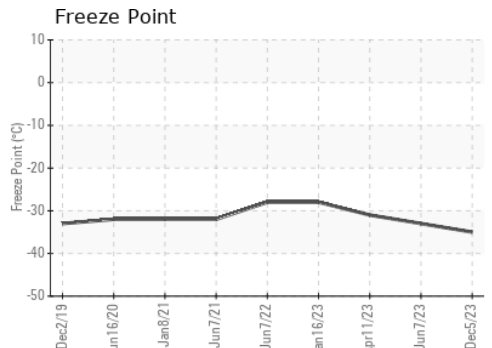
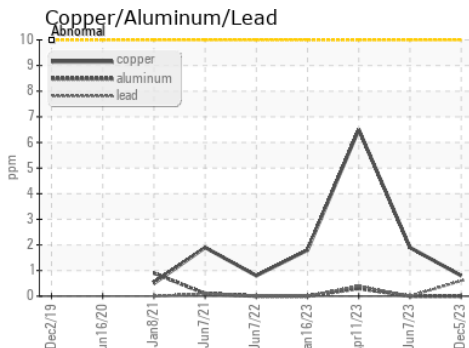
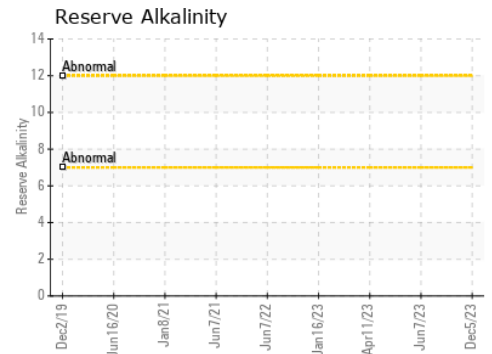
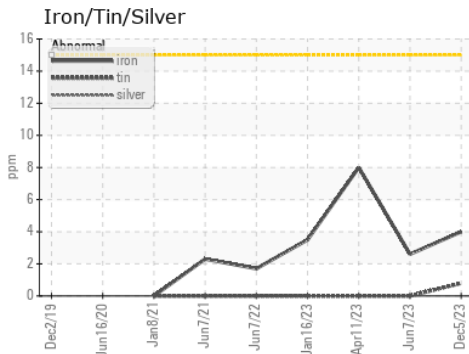


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0732868 **Received** : 07 Dec 2023
Lab Number : 06028996 **Diagnosed** : 11 Dec 2023
Unique Number : 10778787 **Diagnostician** : Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, ICP)

EDL NA Recips-Decatur
 620 LANDFILL DRIVE
 TRINITY, AL
 US 35673
 Contact: JEFF SUMMERS
 jeff.summers@energydevelopments.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)