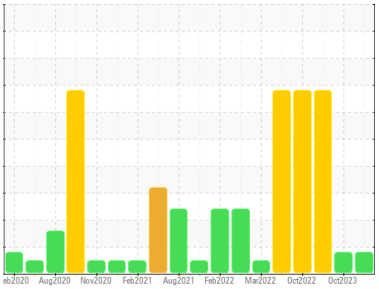
COOLANT REPORT

Sample Rating Trend



WEAR

Machine Id
SJNM01BE
Component
Jacket Water Coolant
Fluid
CHEVRON HEAVY DUTY PF COOLANT (--- GAL)

DIAGNOSIS

Recommendation
The fluid is suitable for further service.

Corrosion
The iron level is abnormal.

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		**WC0865748**	WC0865677	WC0764477
Sample Date		Client Info		**28 Mar 2024**	18 Oct 2023	21 Apr 2023
Machine Age	hrs	Client Info		**71184**	67265	63336
Oil Age	hrs	Client Info		**0**	3262	13195
Oil Changed		Client Info		**N/A**	Not Changd	Not Changd
Sample Status				**ABNORMAL**	ABNORMAL	SEVERE

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type		FT-IR		**---**	---	---
Specific Gravity		*ASTM D1298		**1.063**	1.063	1.061
pH	Scale 0-14	ASTM D1287	10.5	**7.59**	7.72	7.42
Nitrites	ppm	AP-053:2009	>800	**2028**	2064	1464
Reserve Alkalinity	Scale 0-20	*ASTM D1121		**---**	---	---
Percentage Glycol	%	ASTM D3321	50	**46.5**	46.9	45.0
Freezing Point	°F	ASTM D3321	-37	**-26**	-26	-24
Total Dissolved Solids				**193.5**	267.0	227.0
Carboxylate				**n/a**	n/a	fail

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	1000	**31**	28	39
Phosphorus	ppm	ASTM D6130	0	**0**	80	0
Boron	ppm	ASTM D6130		**356**	315	592
Molybdenum	ppm	ASTM D6130		**215**	209	207

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	▲ **21**	▲ 15	▲ 28
Aluminum	ppm	ASTM D6130	>10	**<1**	4	0
Copper	ppm	ASTM D6130	>10	**<1**	3	6
Lead	ppm	ASTM D6130	>10	**0**	0	<1
Tin	ppm	ASTM D6130	>10	**0**	0	<1
Zinc	ppm	ASTM D6130		**0**	<1	11

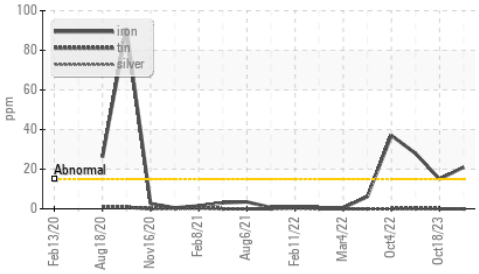
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		**16**	3	15

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		**2214**	1917	3148
Potassium	ppm	ASTM D6130		**20**	0	33

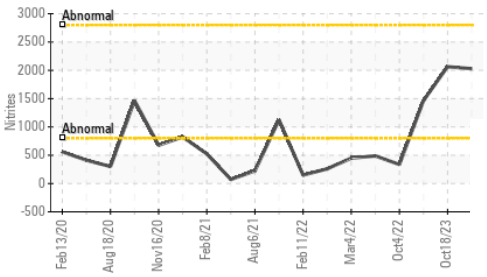
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		**0**	1	4
Magnesium	ppm	ASTM D6130		**0**	2	<1

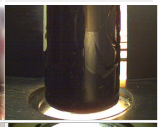
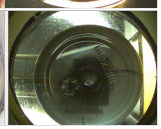
COOLANT REPORT

Iron/Tin/Silver



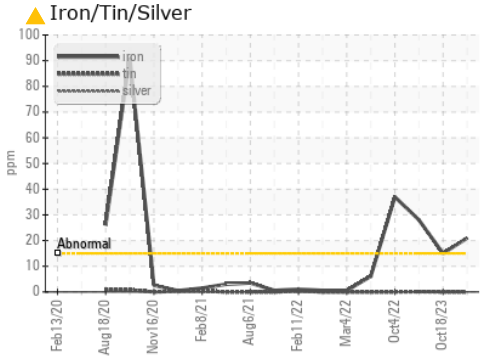
Nitrites



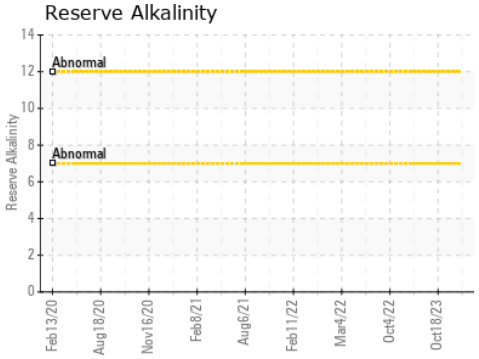
VISUAL		method	limit/base	current	history1	history2
Coolant Color		*Visual	Grn/Prpl	**Brown**	Red	Yllow
Coolant Appearance		*Visual	Clear	**normal**	normal	▲ sediment
Color						
Bottom						

GRAPHS

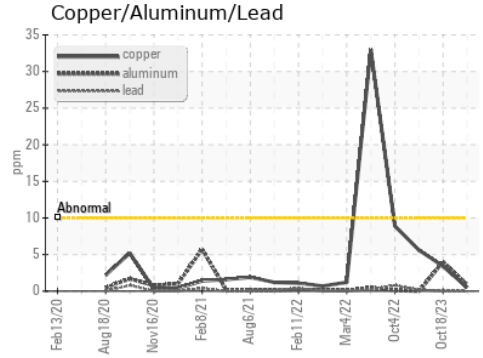
Iron/Tin/Silver



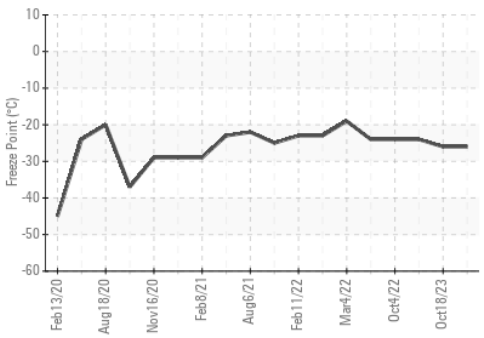
Reserve Alkalinity



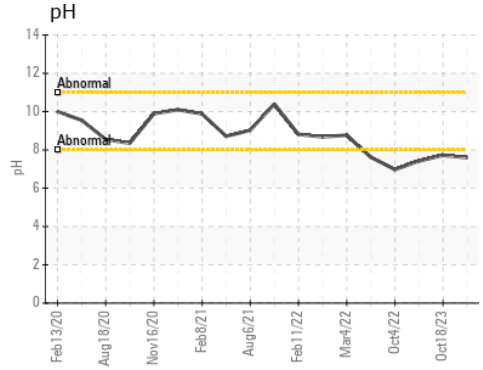
Copper/Aluminum/Lead



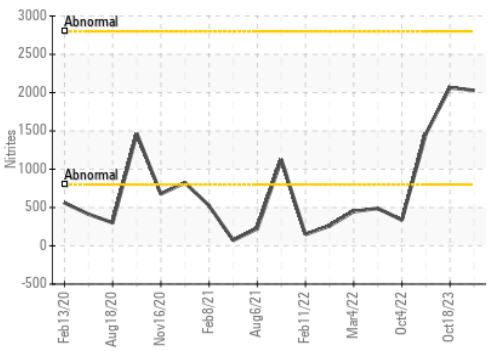
Freeze Point



pH



Nitrites



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0865748 **Received** : 01 Apr 2024
Lab Number : 06135416 **Tested** : 04 Apr 2024
Unique Number : 10954881 **Diagnosed** : 04 Apr 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, 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)

EDL NA Recips-South Jordan
South Jordan Powerstation, 10473 S. Bacchus Hwy.
South Jordan, UT
US 84095
Contact: Aaron Klein
aaron.klein@edlenergy.com
T:
F: