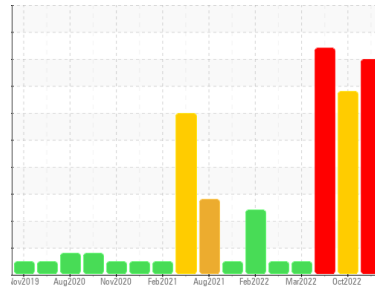




COOLANT REPORT

Sample Rating Trend



WEAR



Machine Id
SJNM03BE
 Component
Jacket Water Coolant
 Fluid
CHEVRON HEAVY DUTY PF COOLANT (--- GAL)

DIAGNOSIS

Recommendation

We recommend drain/flush system, and refill with 50/50 antifreeze water mixture. We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's recommendations.

Corrosion

Elemental level of iron (Fe) probably due to rust formation.

Contaminants

Sediment present.

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		WC0764370	WC0692061	WC0692042
Sample Date	Client Info		21 Apr 2023	04 Oct 2022	12 Aug 2022
Machine Age	hrs	Client Info	97249	92616	91367
Oil Age	hrs	Client Info	13219	84078	7337
Oil Changed	Client Info		Not Changed	Not Changed	Not Changed
Sample Status			SEVERE	SEVERE	SEVERE

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		1.061	1.061	1.062
pH	Scale 0-14	ASTM D1287 10.5	7.83	7.75	7.02
Nitrites	ppm	AP-053:2009 >800	1012	636	224
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321 50	45.3	45.0	45.4
Freezing Point	°F	ASTM D3321 -37	-24	-24	-24
Total Dissolved Solids			224.0	292.0	259.5
Carboxylate			fail	fail	n/a

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 1000	56	44	64
Phosphorus	ppm	ASTM D6130 0	0	0	8
Boron	ppm	ASTM D6130	601	575	613
Molybdenum	ppm	ASTM D6130	254	248	278

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130 >15	30	32	34
Aluminum	ppm	ASTM D6130 >10	<1	<1	<1
Copper	ppm	ASTM D6130 >10	5	3	1
Lead	ppm	ASTM D6130 >10	<1	<1	<1
Tin	ppm	ASTM D6130 >10	<1	<1	0
Zinc	ppm	ASTM D6130	8	6	5

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	17	6	4

CARRIER SALTS

	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	3050	2944	2095
Potassium	ppm	ASTM D6130	28	34	14

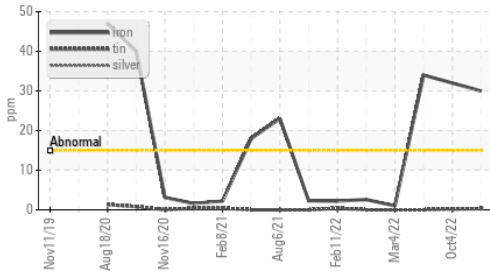
SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	3	12	4
Magnesium	ppm	ASTM D6130	<1	<1	<1

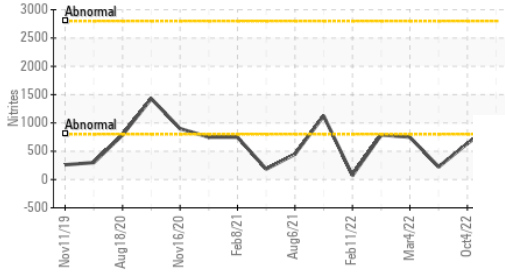


COOLANT REPORT

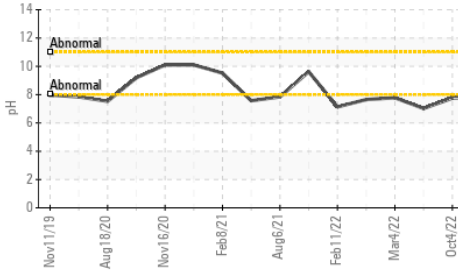
Iron/Tin/Silver

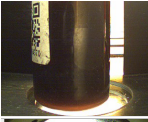
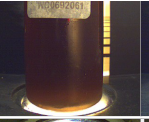
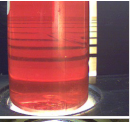
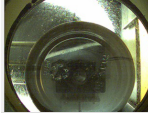

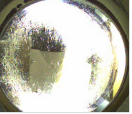


Nitrites



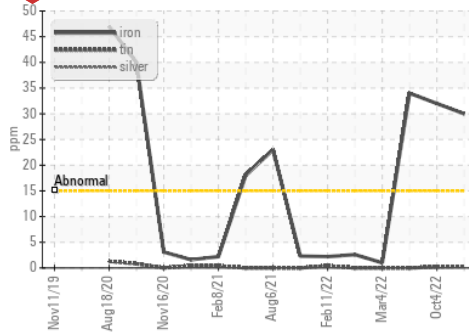
pH



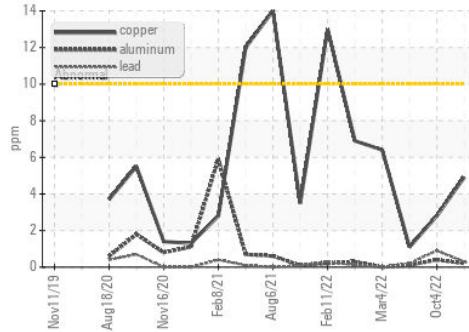
VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual	Grn/Prpl	Yellow	Orange	Red
Coolant Appearance	*Visual	Clear	▲ sediment	▲ hazy	normal
Color					
Bottom					

GRAPHS

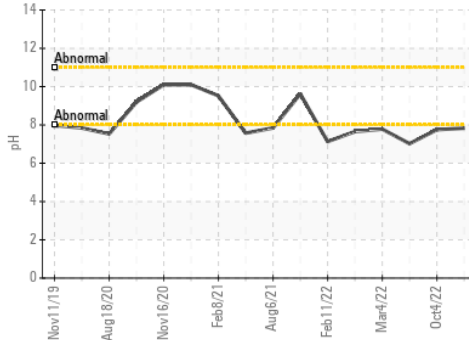
Iron/Tin/Silver



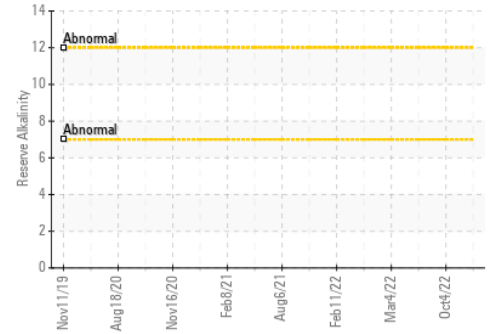
Copper/Aluminum/Lead



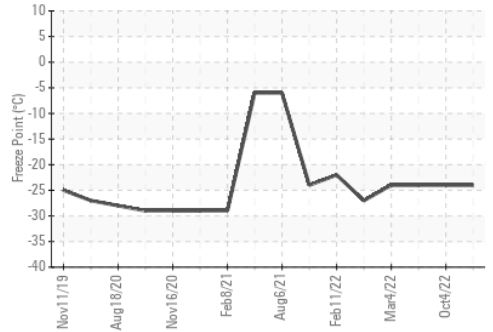
pH



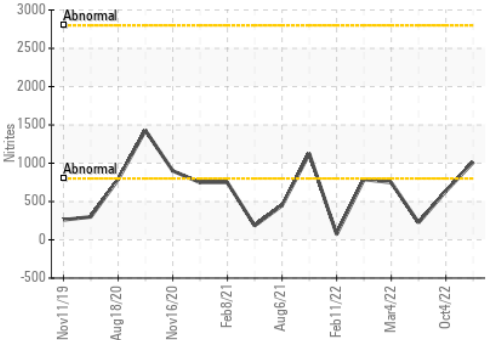
Reserve Alkalinity



Freeze Point



Nitrites



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0764370 **Received** : 25 Apr 2023
Lab Number : 05829339 **Diagnosed** : 01 May 2023
Unique Number : 10442832 **Diagnostician** : Jonathan Hester
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)

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: