



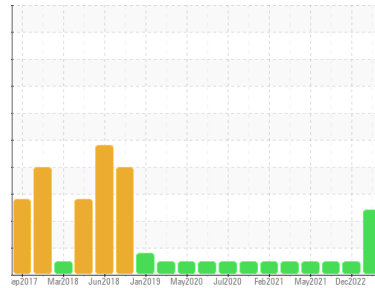
COOLANT REPORT

Sample Rating Trend

SCAS



Machine Id
LIDM05BE (S/N GZJ00188A)
 Component
Auxiliary Circuit Coolant
 Fluid
CHEVRON HEAVY DUTY PF COOLANT (2000 LTR)



DIAGNOSIS

Recommendation

Nous vous conseillons de reconstituer les additifs refroidisseurs supplémentaires, (SCA - supplemental coolant additives) et d'en ajouter selon les recommandations du fabricant. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Corrosion

Les concentrations de tous les métaux sont normales indiquant qu'il n'y a pas de corrosion dans le système de refroidissement.

Contaminants

Il n'y a aucun indice de contamination dans l'agent de refroidissement.

Coolant Condition

Le bas niveau de nitrites indique une réduction de la protection contre la cavitation qui peut entraîner de la corrosion et la formation d'ammoniaque. Le niveau de pH de ce fluide est dans les limites acceptables.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0772249	WC0714188	WC0661880
Sample Date	Client Info		08 May 2023	12 Dec 2022	03 May 2022
Machine Age	hrs	Client Info	24572	30621	26152
Oil Age	hrs	Client Info	0	21502	26152
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			ABNORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.065	1.065	1.064	1.065
pH	Scale 0-14	ASTM D1287*	8.06	7.92	7.97
Nitrites	ppm	Alcan Test Kit*	760	960	840
Reserve Alkalinity	Scale 0-20	ASTM D1121*	3.2	3.4	3.4
Percentage Glycol	%	ASTM D3321*	48.3	47.2	48.6
Freezing Point	°C	ASTM D3321*	-31	-28	-31
Carboxylate			---	---	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	55	47	43
Phosphorus	ppm	ASTM D5185(m)	55	32	23
Boron	ppm	ASTM D5185(m)	394	407	403
Molybdenum	ppm	ASTM D5185(m)	234	233	237

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	<1	<1	<1
Aluminum	ppm	ASTM D5185(m)	2	2	3
Copper	ppm	ASTM D5185(m)	3	3	2
Lead	ppm	ASTM D5185(m)	0	0	1
Tin	ppm	ASTM D5185(m)	0	0	<1
Silver	ppm	ASTM D5185(m)	2	0	<1
Zinc	ppm	ASTM D5185(m)	1	2	1

CARRIER SALTS

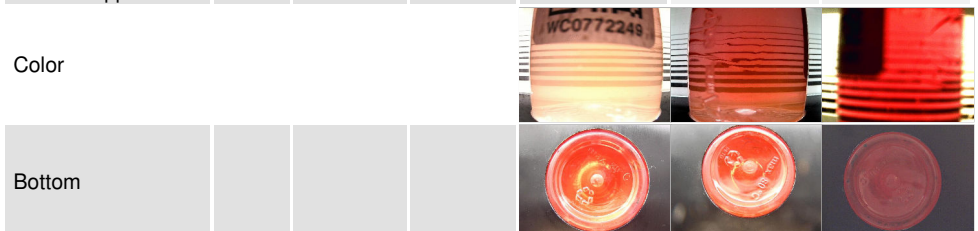
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)	1998	2248	1708
Potassium	ppm	ASTM D5185(m)	119	104	85

SCALE POTENTIAL

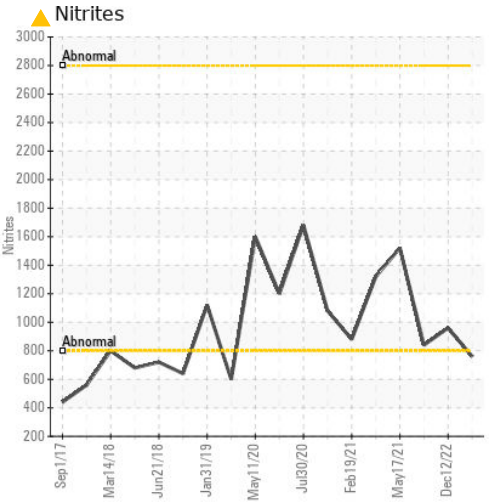
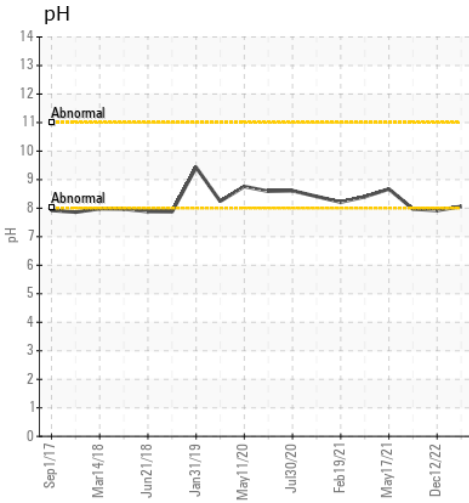
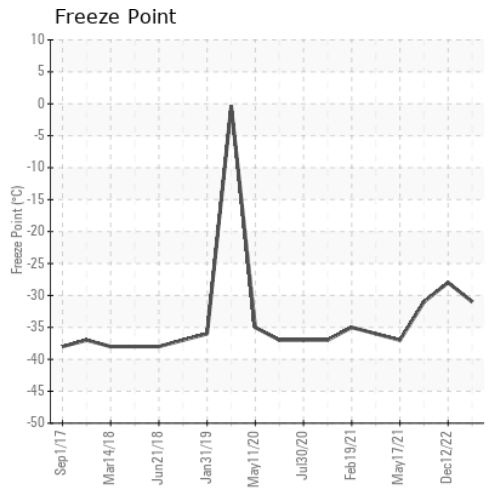
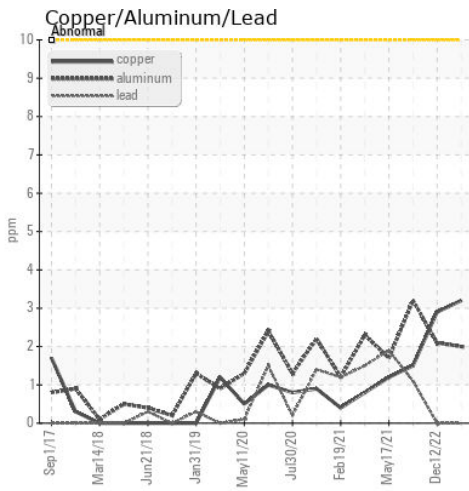
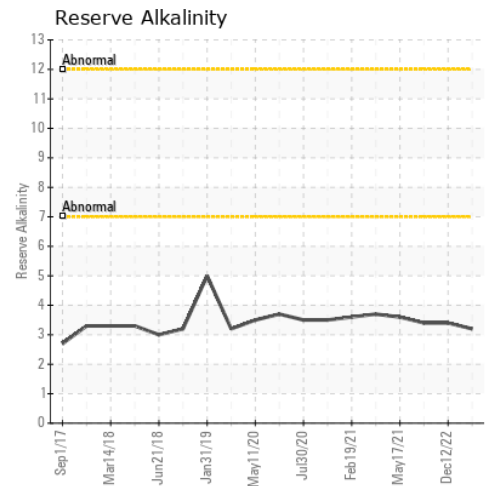
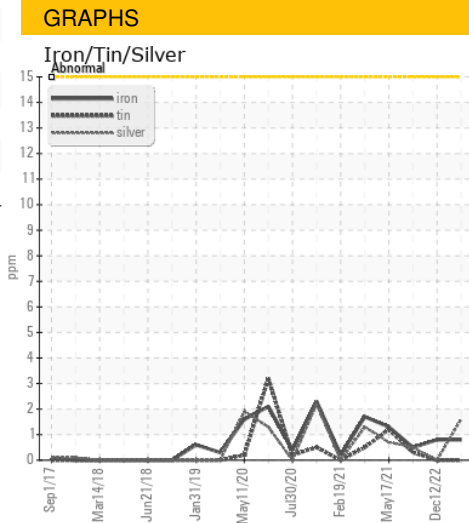
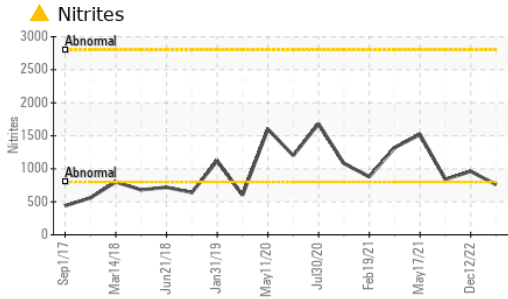
	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	2	5	2
Magnesium	ppm	ASTM D5185(m)	1	2	1
Hardness	mg/L CaCO3	In-house*	11	20	10

VISUAL

	method	limit/base	current	history1	history2
Coolant Color	Visual*	Purple	Pink	Pink	Pink
Coolant Appearance	Visual*	Clear	Clear	Clear	Clear



COOLANT REPORT



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0772249 **Received** : 09 May 2023
Lab Number : 02556338 **Diagnosed** : 10 May 2023
Unique Number : 5577378 **Diagnostician** : Kevin Marson
Test Package : COOL

EDL NA Recips-Lydia
 6985 CHEMIN DES SOURCES
 LACHUTE, QC
 CA J8H 2C5
 Contact: Eloi Legault
 eloi.legault@energydi.com
 T: (450)526-4001
 F:

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.