



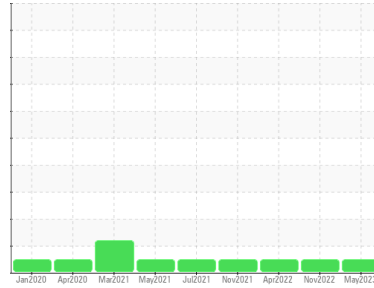
COOLANT REPORT

Sample Rating Trend

NORMAL



Machine Id
LIDM01BE (S/N GZJ-00169)
 Component
Jacket Water Coolant
 Fluid
CHEVRON HEAVY DUTY PF COOLANT (2000 LTR)



DIAGNOSIS

Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Corrosion

Les taux d'usure de tous les composants sont normaux.

Contaminants

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

Coolant Condition

L'état de l'agent de refroidissement est acceptable pour la durée de service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0772248	WC0714181	WC0661870
Sample Date	Client Info			08 May 2023	29 Nov 2022	27 Apr 2022
Machine Age	hrs	Client Info		44495	107563	103492
Oil Age	hrs	Client Info		0	141871	103492
Oil Changed	Client Info			Not Changed	Not Changed	Not Changed
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.065		1.066	1.065	1.066
pH	Scale 0-14	ASTM D1287*	10.5	8.06	8.15	8.43
Nitrites	ppm	Alcan Test Kit*	1600	880	960	960
Reserve Alkalinity	Scale 0-20	ASTM D1121*	10.5	3.4	3.4	3.3
Percentage Glycol	%	ASTM D3321*	50	48.9	48.6	49.0
Freezing Point	°C	ASTM D3321*	-37	-31	-31	-33
Carboxylate				---	---	---

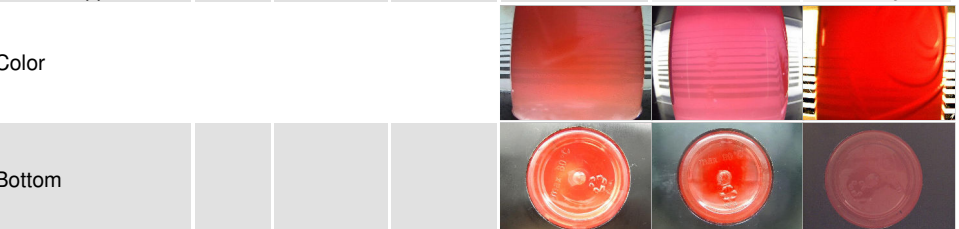
CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	1000	53	54	54
Phosphorus	ppm	ASTM D5185(m)	0	19	21	25
Boron	ppm	ASTM D5185(m)		401	422	404
Molybdenum	ppm	ASTM D5185(m)		239	255	245

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	1	1	<1
Aluminum	ppm	ASTM D5185(m)	>10	2	2	3
Copper	ppm	ASTM D5185(m)	>10	2	2	2
Lead	ppm	ASTM D5185(m)	>10	0	0	<1
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Silver	ppm	ASTM D5185(m)	>10	<1	0	<1
Zinc	ppm	ASTM D5185(m)		1	1	1

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		2004	2413	1706
Potassium	ppm	ASTM D5185(m)		41	59	69

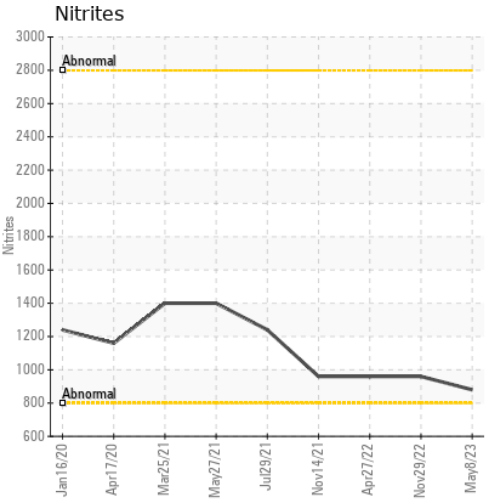
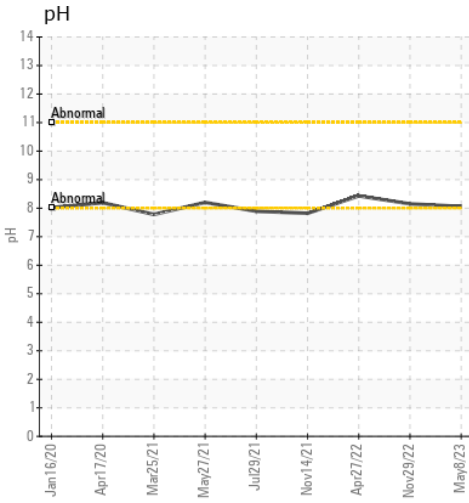
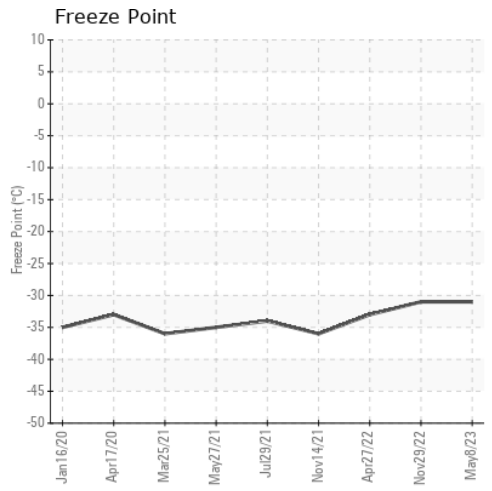
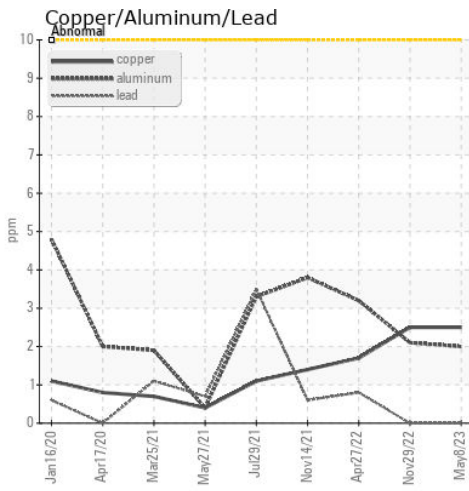
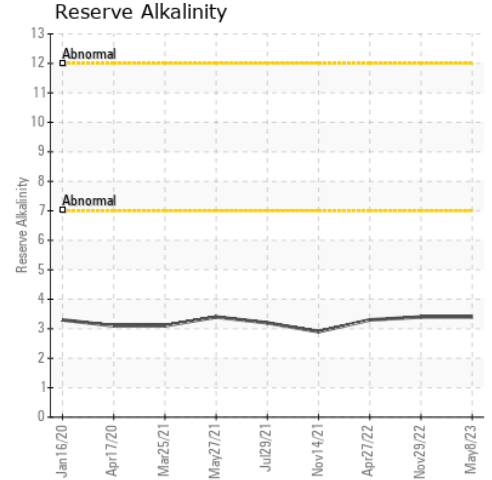
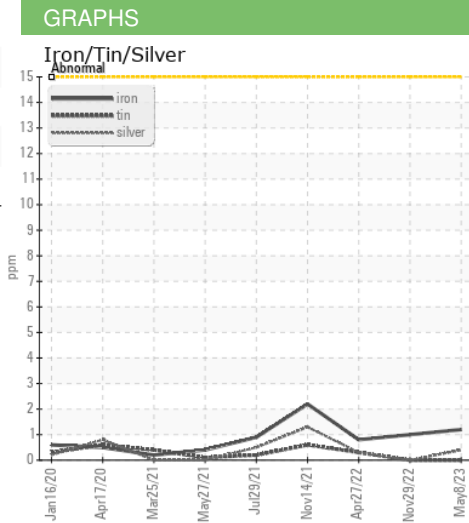
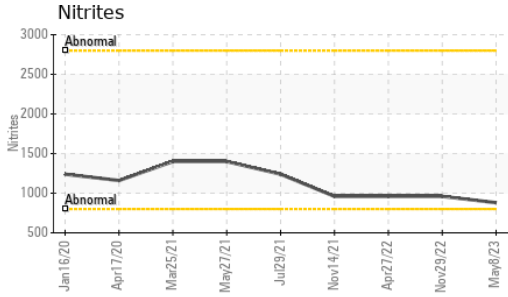
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	4	3	4
Magnesium	ppm	ASTM D5185(m)	>40	1	1	2
Hardness	mg/L CaCO3	In-house*	<75	14	10	15

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





COOLANT REPORT



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0772248 **Received** : 09 May 2023
Lab Number : 02556340 **Diagnosed** : 09 May 2023
Unique Number : 5577380 **Diagnostician** : Wes Davis
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.