



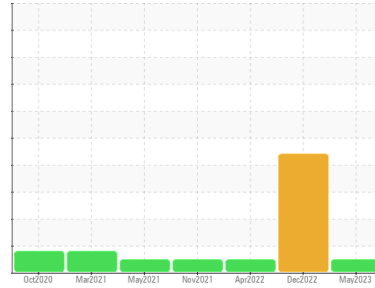
COOLANT REPORT

Sample Rating Trend

NORMAL



Machine Id
LIDM07BE (S/N GZJ00166)
 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		WC0817842	WC	WC0661814
Sample Date	Client Info		15 May 2023	05 Dec 2022	27 Apr 2022
Machine Age	hrs	Client Info	21970	93446	89208
Oil Age	hrs	Client Info	0	8399	14225
Oil Changed	Client Info		Not Changed	Not Changd	Not Changed
Sample Status			NORMAL	ABNORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.065	1.066	1.067	1.066
pH	Scale 0-14	ASTM D1287*	8.00	8.12	9.36
Nitrites	ppm	Alcan Test Kit*	1600	▲ 160	1240
Reserve Alkalinity	Scale 0-20	ASTM D1121*	3.5	▲ 3.9	3.9
Percentage Glycol	%	ASTM D3321*	49.1	49.2	48.8
Freezing Point	°C	ASTM D3321*	-33	-33	-31
Carboxylate			---	---	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	44	50	48
Phosphorus	ppm	ASTM D5185(m)	16	14	37
Boron	ppm	ASTM D5185(m)	369	415	412
Molybdenum	ppm	ASTM D5185(m)	228	253	263

CORROSION

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

CARRIER SALTS

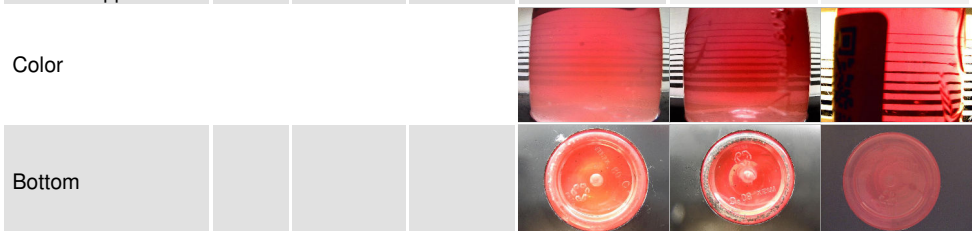
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)	1987	2291	1703
Potassium	ppm	ASTM D5185(m)	42	34	166

SCALE POTENTIAL

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

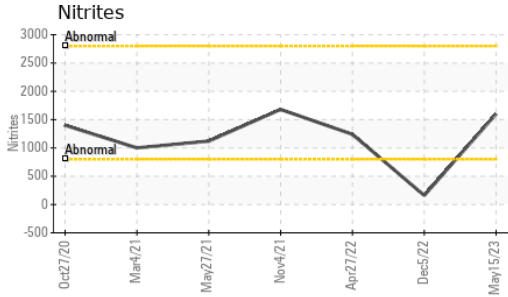
VISUAL

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

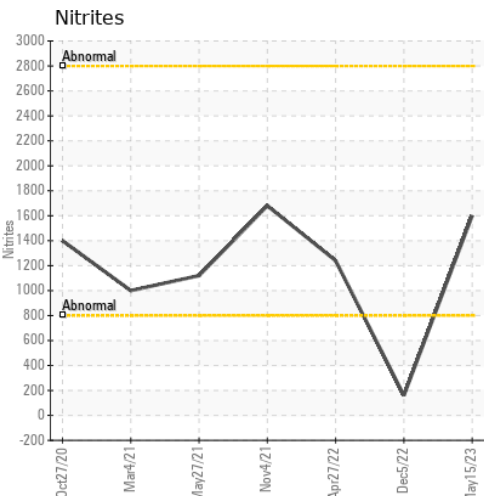
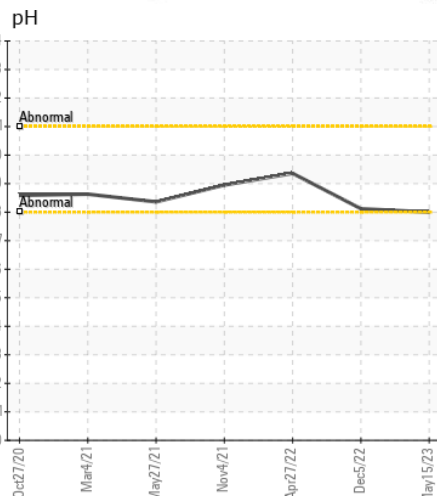
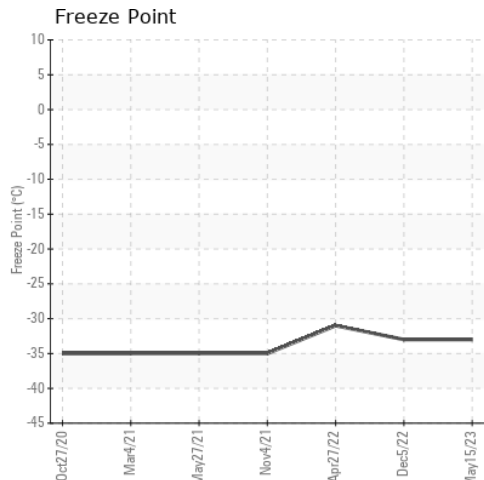
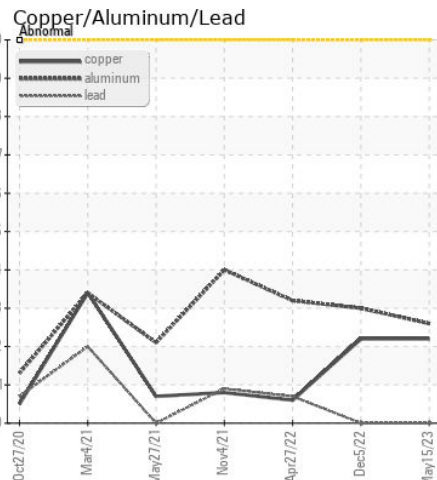
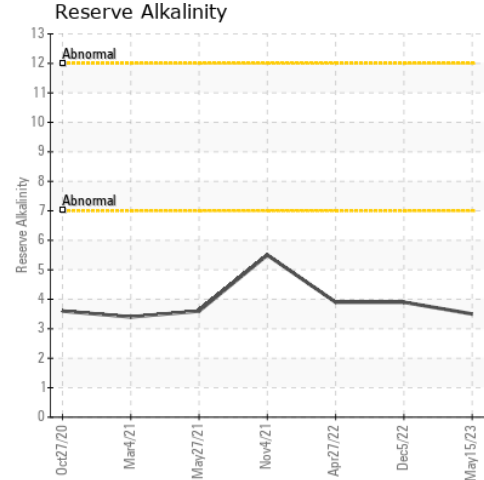
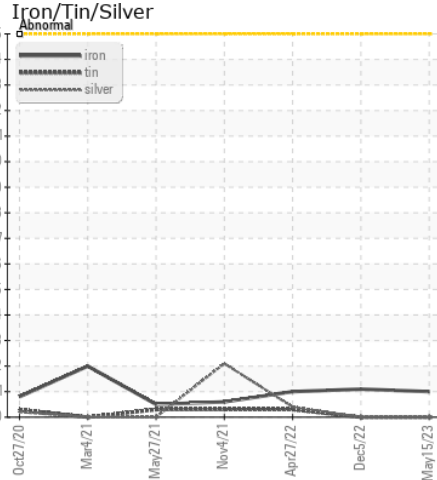




COOLANT REPORT



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0817842 **Received** : 17 May 2023
Lab Number : 02558194 **Diagnosed** : 18 May 2023
Unique Number : 5579234 **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.