



COOLANT REPORT

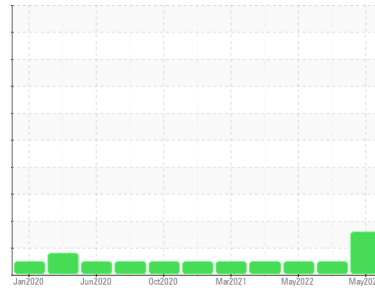
Sample Rating Trend

PH



Machine Id
LIDM03BE (S/N GZJ-00163)

Component
Jacket Water Coolant
Fluid
CHEVRON HEAVY DUTY PF COOLANT (2000 LTR)



DIAGNOSIS

Recommendation

Nous recommandons que vous vidangiez le système et que vous le remplissiez avec un mélange 50/50 eau/antigel. Nous vous conseillons de reconstituer les additifs refroidisseurs supplémentaires, (SCA - supplemental coolant additives) et d'en ajouter selon les indications 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 niveau de nitrite est acceptable. Le pH est bas et peut entraîner la formation de rouille.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0772239	WC0714183	WC0661855
Sample Date	Client Info		15 May 2023	29 Nov 2022	10 May 2022
Machine Age	hrs	Client Info	36840	103637	100400
Oil Age	hrs	Client Info	0	33678	100400
Oil Changed	Client Info		Not Changed	Not Changed	Not Changed
Sample Status			ABNORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.065	1.066	1.065	1.065
pH	Scale 0-14	ASTM D1287*	7.77	8.49	8.42
Nitrites	ppm	Alcan Test Kit*	1200	1360	1040
Reserve Alkalinity	Scale 0-20	ASTM D1121*	3.5	3.8	4.6
Percentage Glycol	%	ASTM D3321*	48.8	48.4	48.4
Freezing Point	°C	ASTM D3321*	-31	-31	-31
Carboxylate			---	---	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	42	50	55
Phosphorus	ppm	ASTM D5185(m)	14	18	15
Boron	ppm	ASTM D5185(m)	374	454	436
Molybdenum	ppm	ASTM D5185(m)	223	269	258

CORROSION

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

CARRIER SALTS

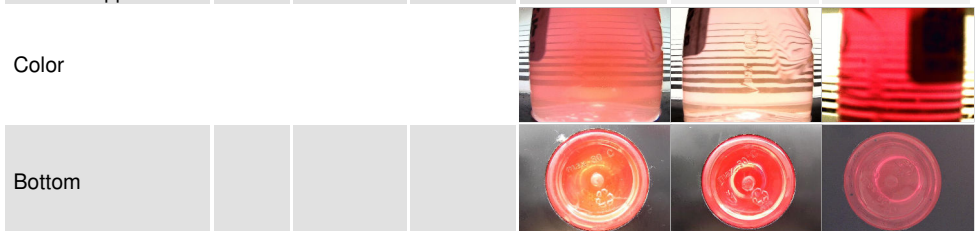
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)	2072	2562	1748
Potassium	ppm	ASTM D5185(m)	35	45	41

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	6	6	5
Magnesium	ppm	ASTM D5185(m)	1	2	2
Hardness	mg/L CaCO3	In-house*	19	22	20

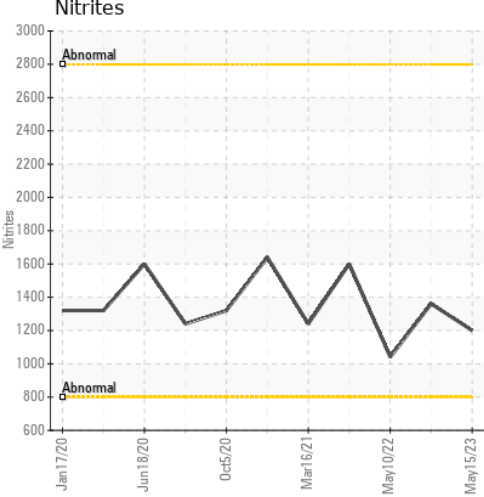
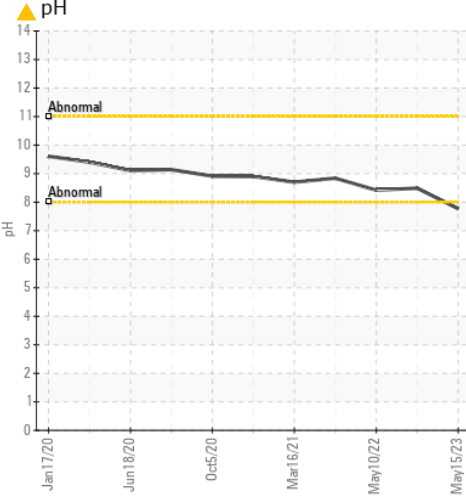
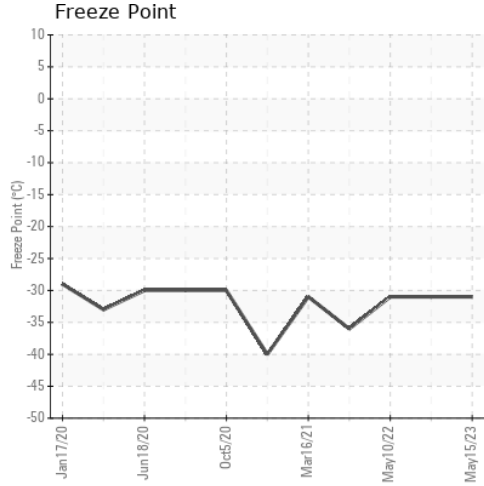
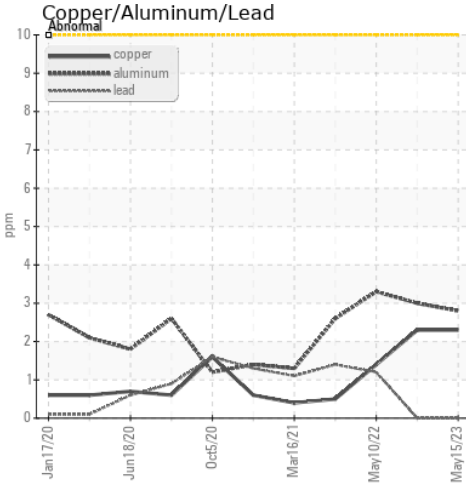
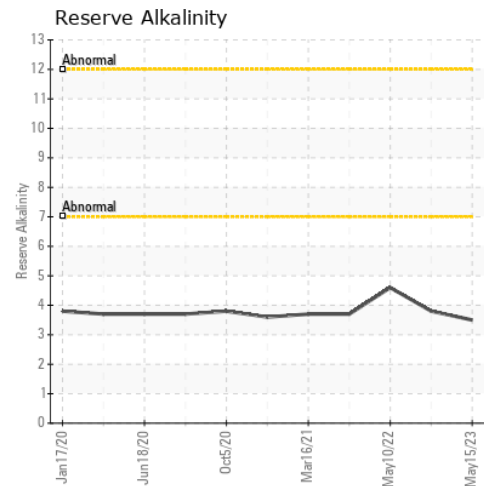
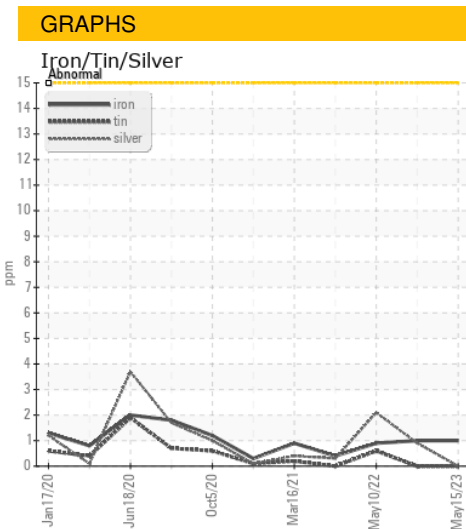
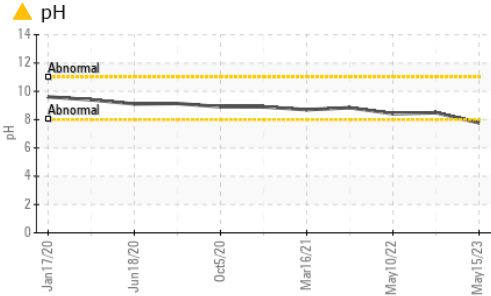
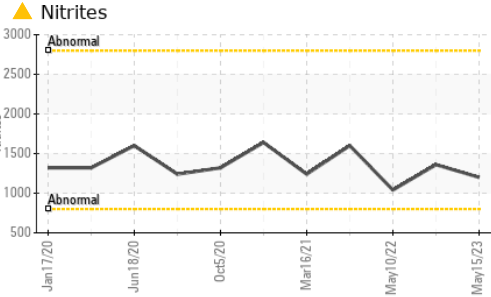
VISUAL

	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. : WC0772239 **Received** : 17 May 2023
Lab Number : 02558195 **Diagnosed** : 23 May 2023
Unique Number : 5579235 **Diagnostician** : Kevin Marson
Test Package : COOL (Additional Tests: PH)

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 T: (450)526-4001
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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.