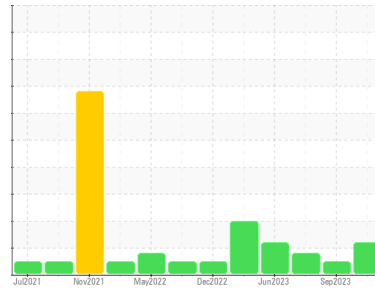




COOLANT REPORT

Sample Rating Trend



PH



Machine Id
OR489

Component
Coolant
Fluid

CONVENTIONAL COOLANT (--- GAL)

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	GFL0061612	GFL0089216	GFL0061606
Sample Date	Client Info	11 Nov 2023	25 Sep 2023	17 Jul 2023
Machine Age	hrs	11613	11327	10985
Oil Age	hrs	0	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		ABNORMAL	NORMAL	ABNORMAL

PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.068	1.067	1.068
pH	Scale 0-14	7.29	7.70	7.33
Nitrites	ppm	1480	720	800
Reserve Alkalinity	Scale 0-20	1.3	1.7	2.7
Percentage Glycol	%	50.5	49.4	50.3
Freezing Point	°C	-35	-33	-35
Carboxylate		---	---	---

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm	21	18	22
Phosphorus	ppm	11	8	12
Boron	ppm	33	30	19
Molybdenum	ppm	279	287	417

CORROSION

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

CARRIER SALTS

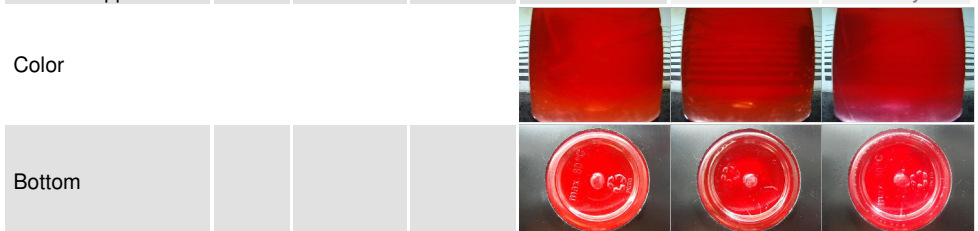
method	limit/base	current	history1	history2
Sodium	ppm	7552	6754	4341
Potassium	ppm	1676	1638	475

SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm	9	9	17
Magnesium	ppm	3	3	5
Hardness	mg/L CaCO3	34	35	61

VISUAL

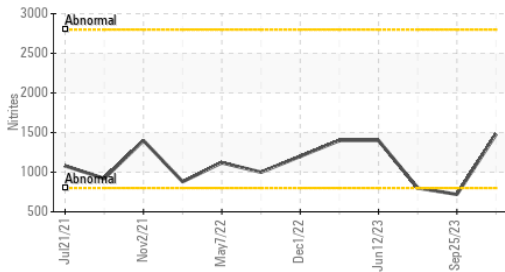
method	limit/base	current	history1	history2
Coolant Color	Visual*	Green	Red	Pink
Coolant Appearance	Visual*	Clear	Clear	▲ Cloudy



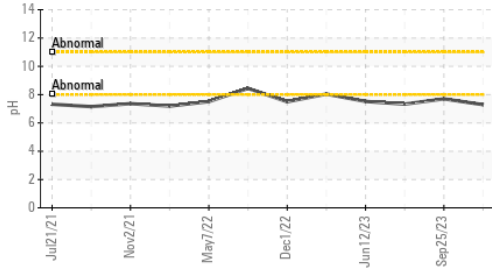


COOLANT REPORT

Nitrites

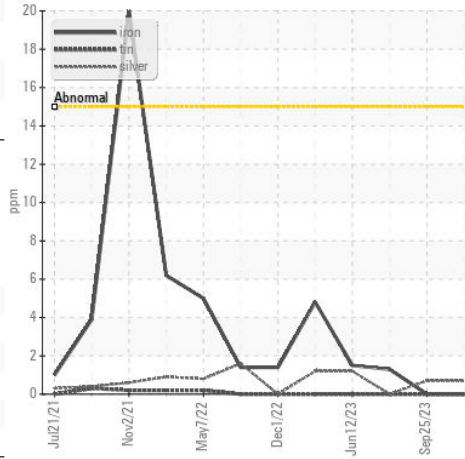


pH

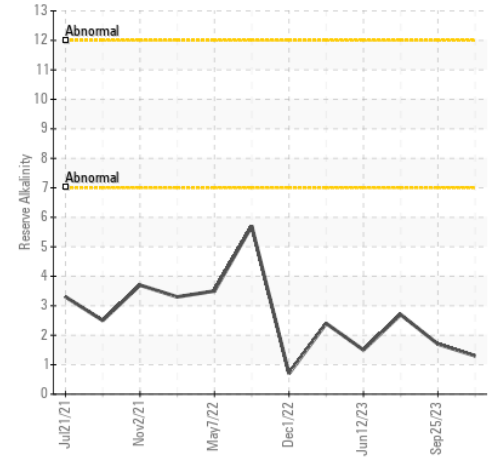


GRAPHS

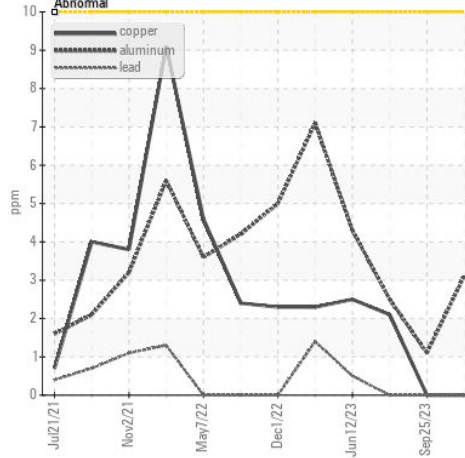
Iron/Tin/Silver



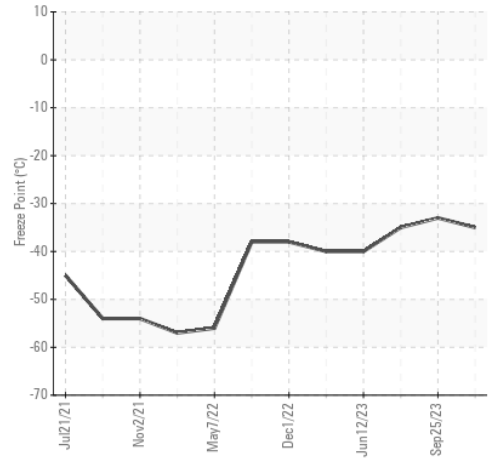
Reserve Alkalinity



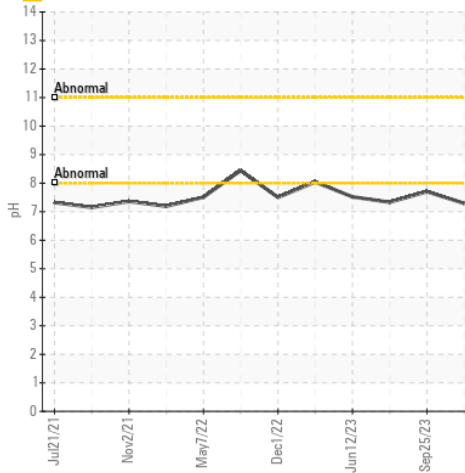
Copper/Aluminum/Lead



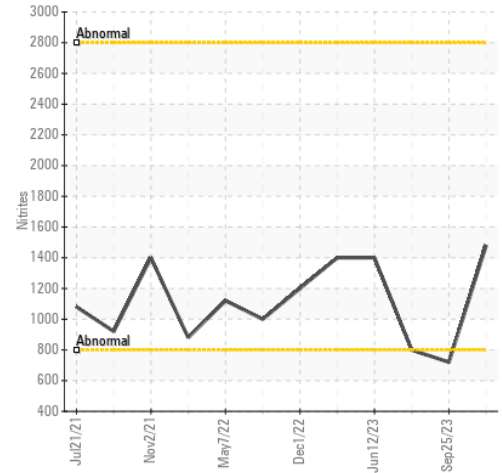
Freeze Point



pH



Nitrites



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 784 - Saint-Hyacinthe
Sample No. : GFL0061612 **Received** : 15 Nov 2023 3525 Boul. Laurier Est.,
Lab Number : 02596707 **Diagnosed** : 16 Nov 2023 Saint-Hyacinthe, QC
Unique Number : 5681787 **Diagnostician** : Kevin Marson CA J2R 2B2
Test Package : COOL

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.

Contact: Nadine Authier
 nauthier@matrec.ca
 T: (450)773-9689
 F: