



Machine Id
OR489
Component
Coolant
Fluid

EXTENDED LIFE COOLANT (--- GAL)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Vidangez le système et remplissez avec un prémélange 50/50 de liquide de refroidissement recommandé par le fabricant.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0114983	GFL0089228	GFL0061612
Sample Date		Client Info		17 Jun 2024	22 Dec 2023	11 Nov 2023
Machine Age	hrs	Client Info		12355	11809	11613
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	N/A
Sample Status				ABNORMAL	NORMAL	ABNORMAL

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	0	0	0
Aluminum	ppm	ASTM D5185(m)	>10	2	2	3
Copper	ppm	ASTM D5185(m)	>10	<1	0	0
Lead	ppm	ASTM D5185(m)	>10	0	0	0
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Silver	ppm	ASTM D5185(m)	>10	0	<1	<1
Zinc	ppm	ASTM D5185(m)	>10	4	2	0

CONTAMINANTS

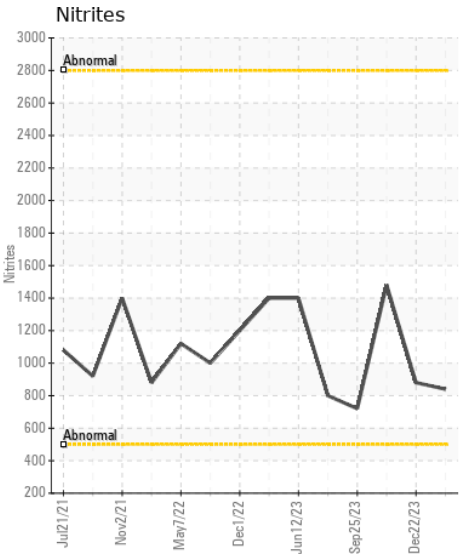
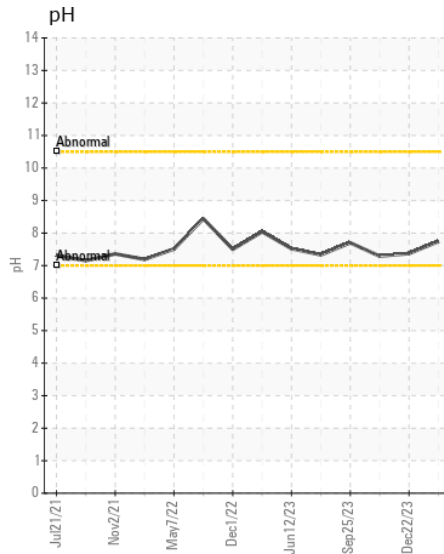
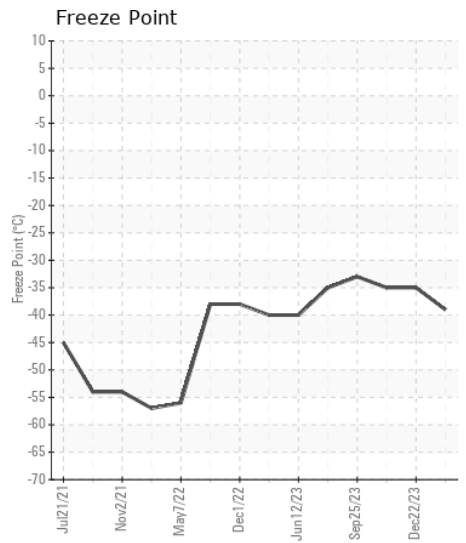
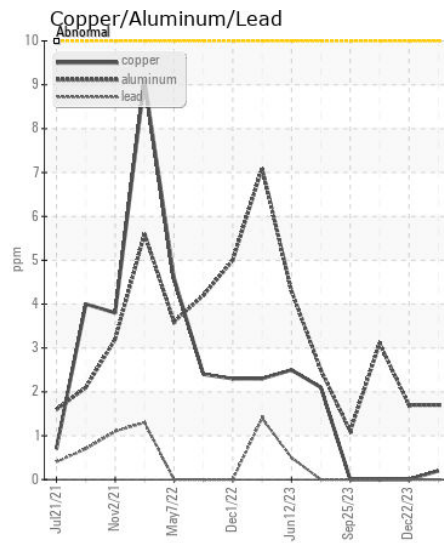
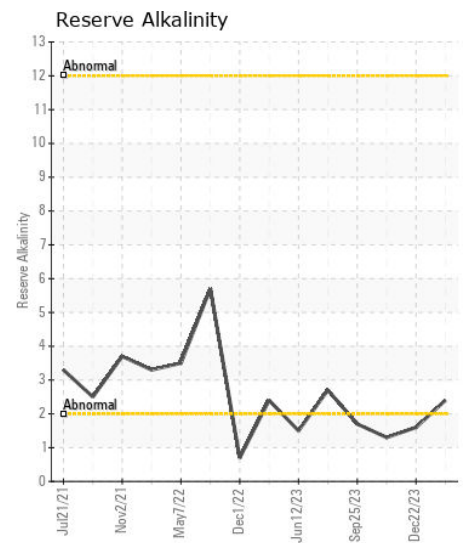
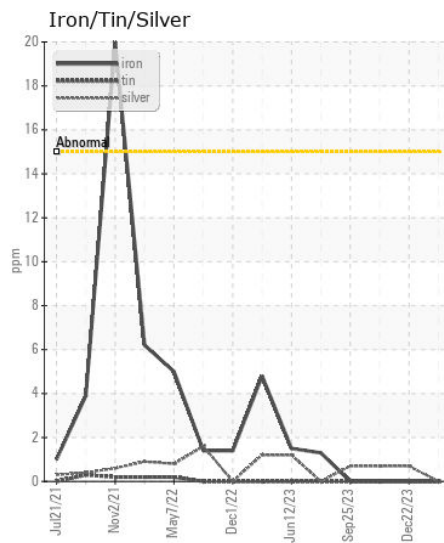
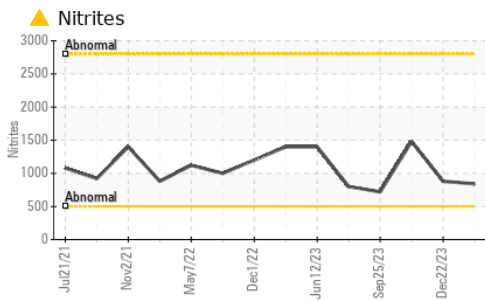
La dureté est élevée. Une dureté élevée peut permettre la formation de tartre qui réduira l'efficacité du système de refroidissement

Calcium	ppm	ASTM D5185(m)	>100	22	9	9
Magnesium	ppm	ASTM D5185(m)	>40	6	3	3
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	▲ Cloudy	Clear	Clear

COOLANT CONDITION

The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. Le niveau de nitrite est acceptable. Le niveau de pH de ce fluide est dans les limites acceptables. La réserve d'alcalinité de ce fluide est acceptable.

Boiling Point	°C	WC Method*		108	---	---
Specific Gravity		ASTM D1298*		1.069	1.068	1.068
pH	Scale 0-14	ASTM D1287*	9.0	7.74	7.37	▲ 7.29
Nitrites	ppm	Alcan Test Kit*		840	880	1480
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.4	1.6	1.3
Percentage Glycol	%	ASTM D3321*	50	51.3	50.7	50.5
Freezing Point	°C	ASTM D3321*	-40	-39	-35	-35
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		23	24	21
Phosphorus	ppm	ASTM D5185(m)		16	6	11
Boron	ppm	ASTM D5185(m)		23	32	33
Molybdenum	ppm	ASTM D5185(m)		290	292	279
Sodium	ppm	ASTM D5185(m)		6043	8421	7552
Potassium	ppm	ASTM D5185(m)		1431	1813	1676
Coolant Color		Visual*	Orange/R	Red	Red	Green



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0114983
Lab Number : 02642715
Unique Number : 5800254
Test Package : COOL (Additional Tests: GlycolType)
Received : 18 Jun 2024
Tested : 20 Jun 2024
Diagnosed : 20 Jun 2024 - Kevin Marson

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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.