



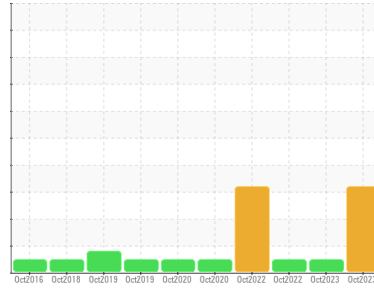
COOLANT REPORT

Sample Rating Trend

SCAS

Area
DOUNE BEEBEE
Machine Id
GD2417A

Component
Coolant
Fluid
VALVOLINE ZEREX G-05 ANTI-FREEZE (--- GAL)



DIAGNOSIS

Recommendation

Nous vous conseillons de reconstituer les additifs refroidisseurs supplémentaires, (SCA - supplemental coolant additives) et d'en ajouter selon les recommandations du fabricant. Nous recommandons de vous assurer que le même type de liquide de refroidissement est utilisé pour les appoints. 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

La réserve d'alcalinité de ce fluide est anormalement basse. Le bas niveau de nitrites indique une réduction de la protection contre la cavitation qui peut entraîner de la corrosion et la formation d'ammoniaque. La densité est supérieure à la valeur typique indiquant l'ajout d'un fluide de refroidissement différent.

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		GD0020561	WA0019881	GD0005842
Sample Date	Client Info		11 Oct 2023	06 Oct 2023	24 Oct 2022
Machine Age	hrs	Client Info	0	1458	0
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		N/A	Not Changd	N/A
Sample Status			ABNORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS	method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.060	▲ 1.083	1.078	1.076
pH	Scale 0-14	ASTM D1287*	8.0	8.83	9.06
Nitrites	ppm	Alcan Test Kit*	▲ 320	560	640
Reserve Alkalinity	Scale 0-20	ASTM D1121*	▲ 2.6	7.9	9.1
Percentage Glycol	%	ASTM D3321*	64.0	58.5	56.9
Freezing Point	°C	ASTM D3321*	-63	-54	-50
Carboxylate			---	---	---

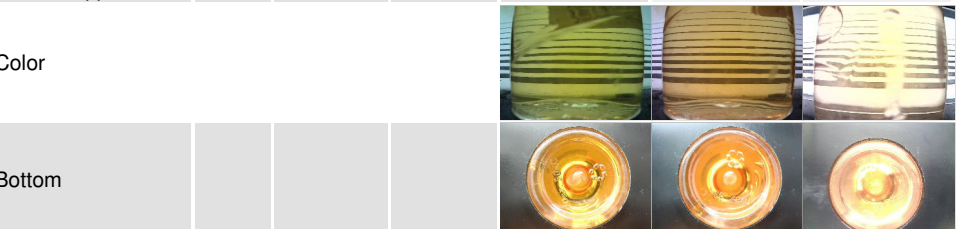
CORROSION INHIBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	240	169	41
Phosphorus	ppm	ASTM D5185(m)	0	52	39
Boron	ppm	ASTM D5185(m)	16	16	35
Molybdenum	ppm	ASTM D5185(m)	115	115	49

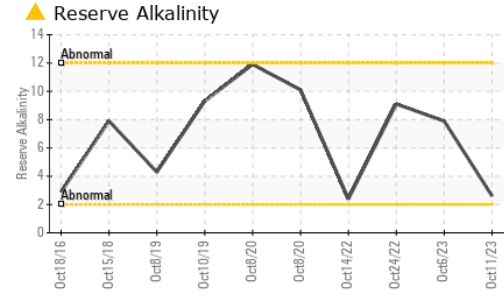
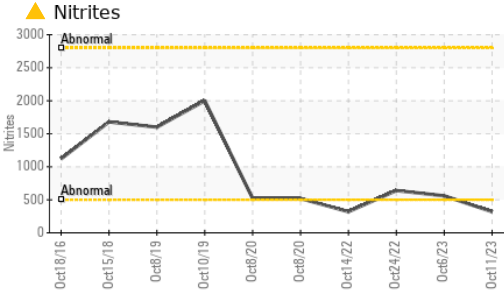
CORROSION	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0	1
Aluminum	ppm	ASTM D5185(m)	>10	3	<1
Copper	ppm	ASTM D5185(m)	>10	0	2
Lead	ppm	ASTM D5185(m)	>10	0	1
Tin	ppm	ASTM D5185(m)	>10	0	0
Silver	ppm	ASTM D5185(m)	>10	<1	<1
Zinc	ppm	ASTM D5185(m)	0	0	1

CARRIER SALTS	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)	2310	2310	10904
Potassium	ppm	ASTM D5185(m)	4211	4211	969

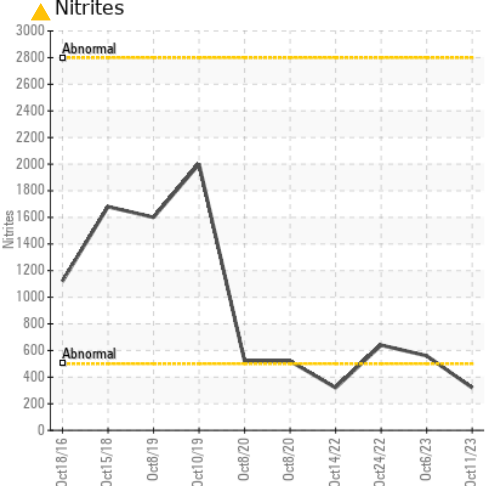
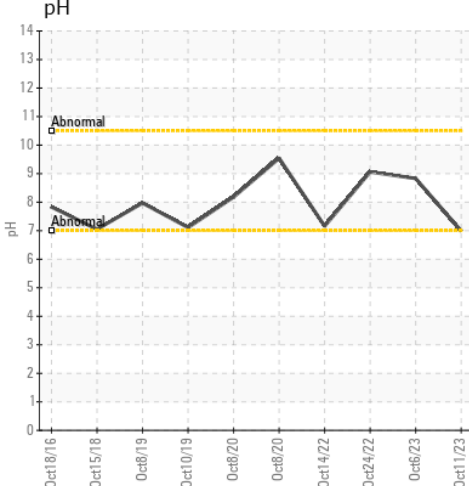
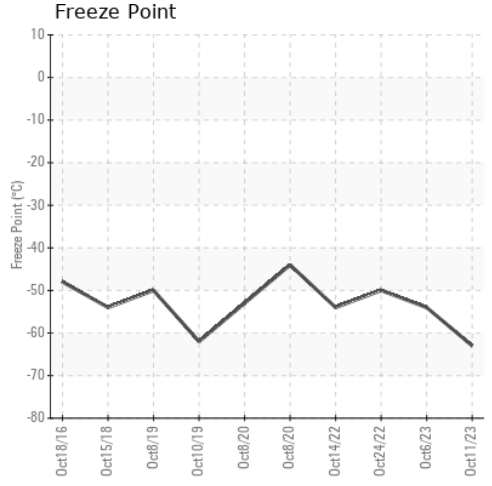
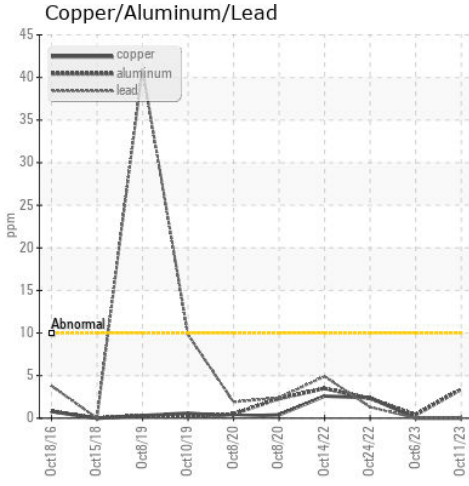
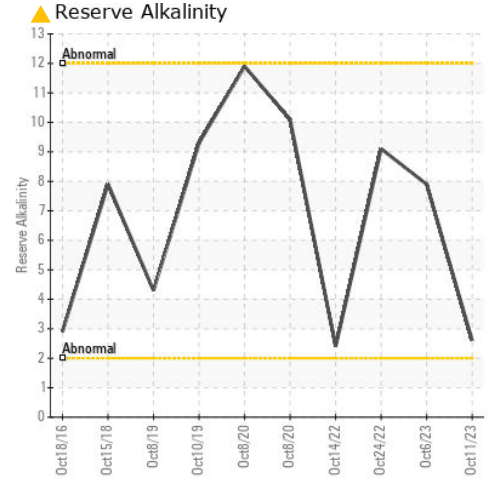
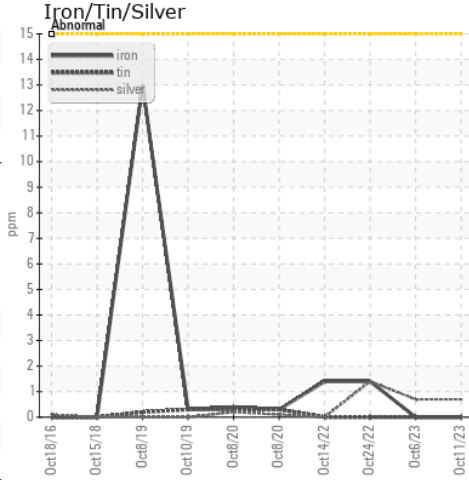
SCALE POTENTIAL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	5	1
Magnesium	ppm	ASTM D5185(m)	>40	4	<1
Hardness	mg/L CaCO3	In-house*	<75	27	7

VISUAL	method	limit/base	current	history1	history2
Coolant Color	Visual*	Yello	Yellow	Yellow	Yellow
Coolant Appearance	Visual*	Clear	Clear	Clear	Clear





GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GD0020561
Lab Number : 02590426
Unique Number : 5659492
Test Package : COOL

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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.