



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

COOLANT REPORT

CORROSION

NORMAL

CONTAMINANTS

NORMAL

COOLANT CONDITION

NORMAL

Area

[610027112]

Machine Id

6R 816844 BABORD

Component

Port Coolant

Fluid

DETROIT DIESEL POWER COOL (--- GAL)

RECOMMENDATION

Le fluide peut encore servir. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WA0021485	WA0019789	WA0016262
Sample Date		Client Info		17 Apr 2024	27 Apr 2023	13 Apr 2021
Machine Age	hrs	Client Info		11947	11476	10658
Oil Age	hrs	Client Info		500	800	2000
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	ABNORMAL	NORMAL

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	4	2	1
Aluminum	ppm	ASTM D5185(m)	>10	2	2	<1
Copper	ppm	ASTM D5185(m)	>10	<1	2	<1
Lead	ppm	ASTM D5185(m)	>10	0	<1	<1
Tin	ppm	ASTM D5185(m)	>10	0	<1	<1
Silver	ppm	ASTM D5185(m)	>10	<1	<1	0
Zinc	ppm	ASTM D5185(m)	>10	5	2	1

CONTAMINANTS

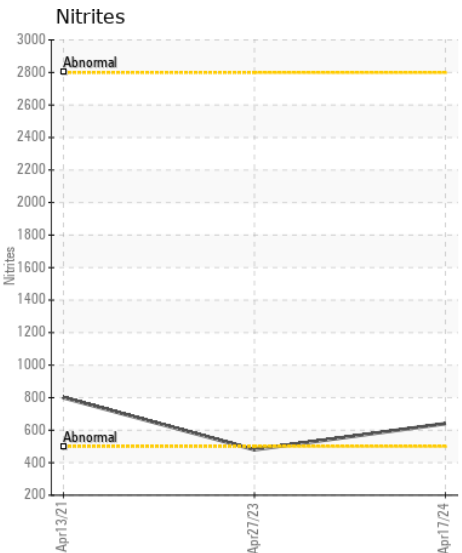
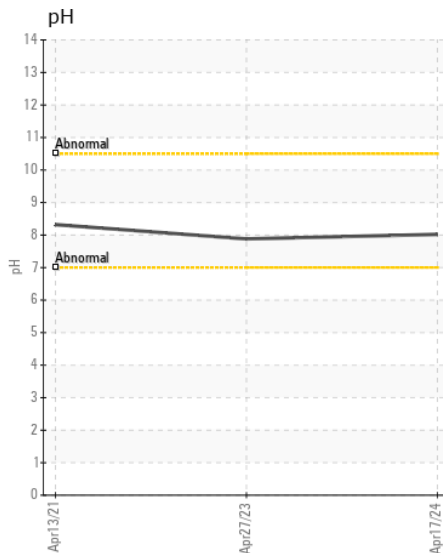
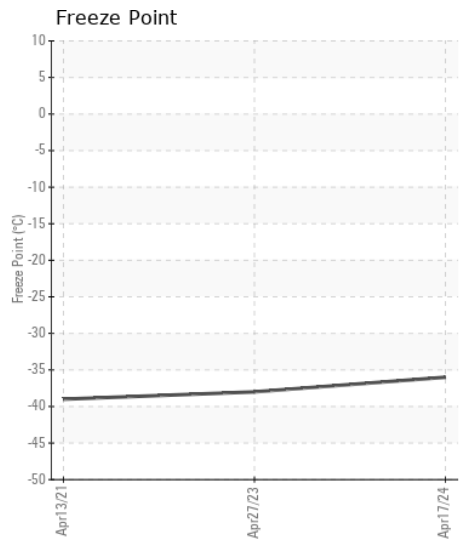
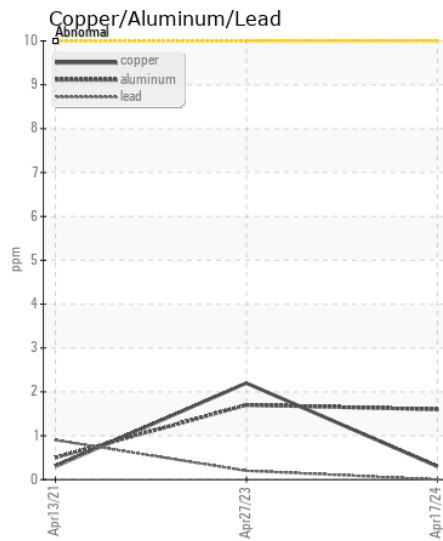
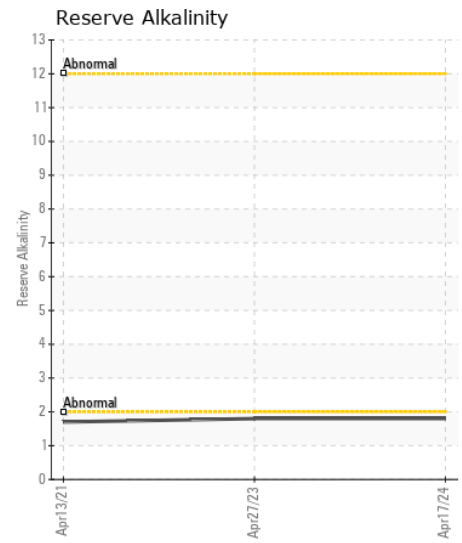
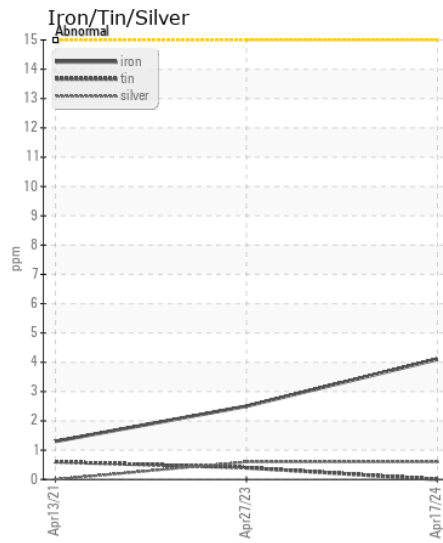
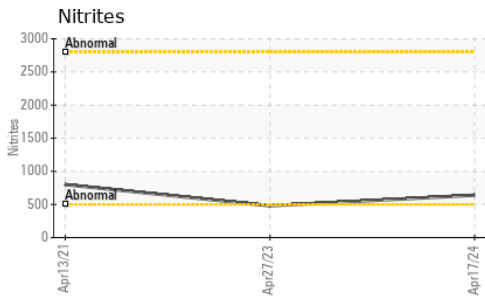
Il n'y a aucun indice de contamination dans l'agent de refroidissement.

Calcium	ppm	ASTM D5185(m)	>100	8	11	4
Magnesium	ppm	ASTM D5185(m)	>40	5	4	2
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Clear	Clear	Clear

COOLANT CONDITION

Le niveau de nitrite est acceptable. Le niveau de pH de ce fluide est dans les limites acceptables.

Boiling Point	°C	WC Method*		107	---	---
Specific Gravity		ASTM D1298*		1.067	1.069	1.069
pH	Scale 0-14	ASTM D1287*	9.5	8.02	7.88	8.32
Nitrites	ppm	Alcan Test Kit*	500	640	▲ 480	800
Reserve Alkalinity	Scale 0-20	ASTM D1121*		1.8	▲ 1.8	1.7
Percentage Glycol	%	ASTM D3321*	50	49.8	51.2	51.0
Freezing Point	°C	ASTM D3321*	-40	-36	-38	-39
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)	150	17	28	15
Phosphorus	ppm	ASTM D5185(m)	0	5	12	7
Boron	ppm	ASTM D5185(m)	300	17	92	48
Molybdenum	ppm	ASTM D5185(m)		151	139	142
Sodium	ppm	ASTM D5185(m)		4033	2590	2811
Potassium	ppm	ASTM D5185(m)		3678	2115	3006
Coolant Color		Visual*	Pink	Orange	Orange	Orange



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021485 **Received** : 25 Apr 2024
Lab Number : 02631411 **Tested** : 25 Apr 2024
Unique Number : 5772564 **Diagnosed** : 25 Apr 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

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.

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