



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

COOLANT REPORT

CORROSION

NORMAL

CONTAMINANTS

ABNORMAL

COOLANT CONDITION

ABNORMAL

Area

JOYGLOBAL [6100263355]

Machine Id

527200450

Component

Coolant

Fluid

DETROIT DIESEL POWER COOL (--- GAL)

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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WA0021489	---	---
Sample Date		Client Info		07 Jun 2024	---	---
Machine Age	hrs	Client Info		3	---	---
Oil Age	hrs	Client Info		3	---	---
Oil Changed		Client Info		N/A	---	---
Sample Status				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	<1	---	---
Aluminum	ppm	ASTM D5185(m)	>10	<1	---	---
Copper	ppm	ASTM D5185(m)	>10	<1	---	---
Lead	ppm	ASTM D5185(m)	>10	0	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Silver	ppm	ASTM D5185(m)	>10	<1	---	---
Zinc	ppm	ASTM D5185(m)	>10	2	---	---

CONTAMINANTS

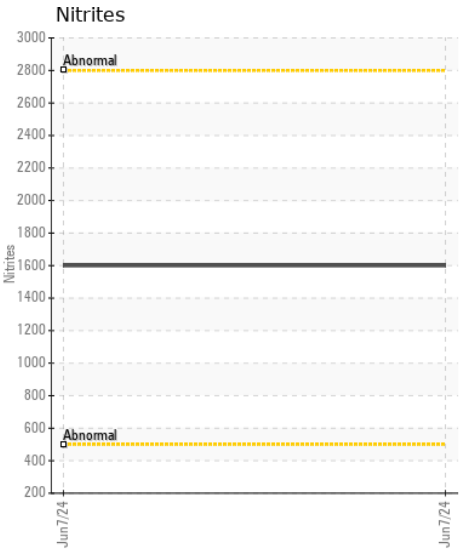
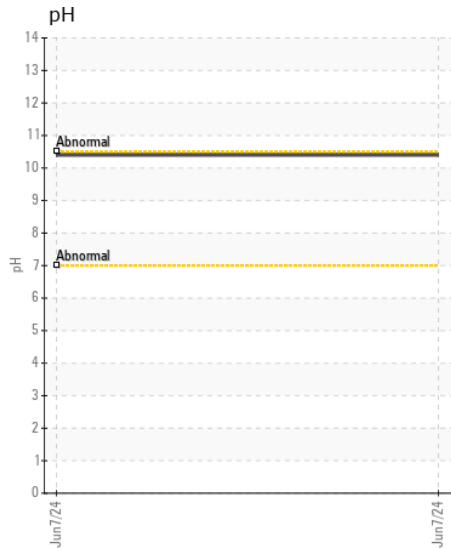
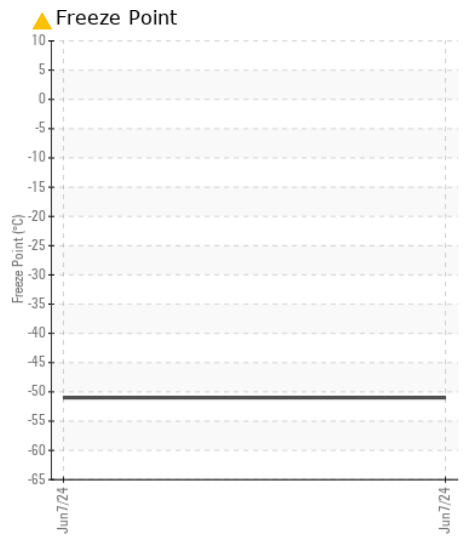
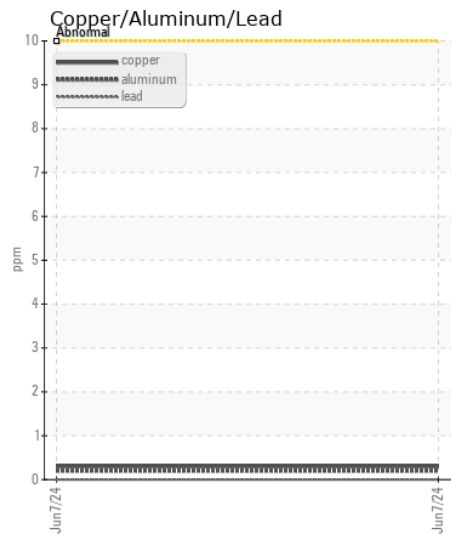
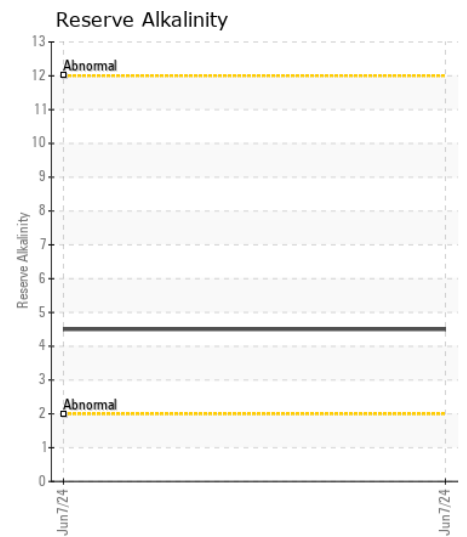
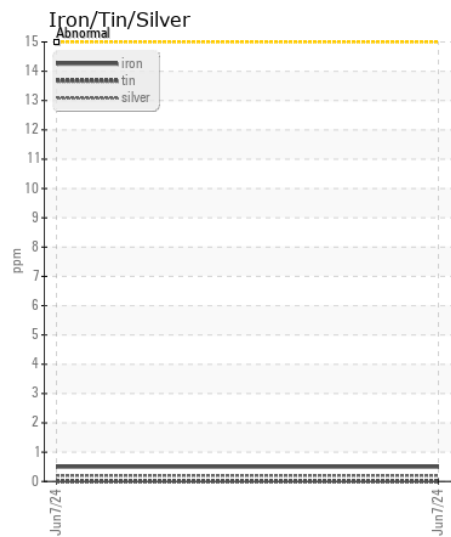
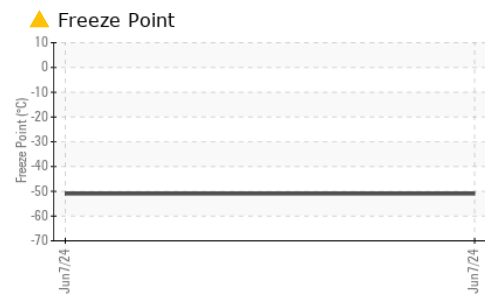
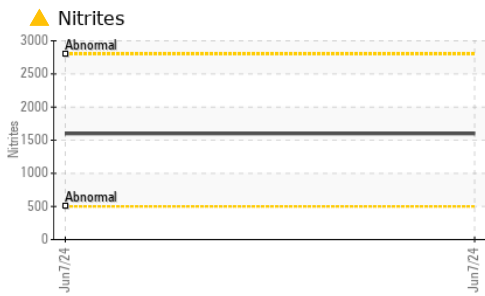
Il n'y a aucun indice de contamination dans l'agent de refroidissement.

Calcium	ppm	ASTM D5185(m)	>100	8	---	---
Magnesium	ppm	ASTM D5185(m)	>40	2	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Coolant Appearance		Visual*	Clear	▲ Cloudy	---	---

COOLANT CONDITION

The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. La concentration du glycol est trop élevée et peut entraîner une surchauffe et la précipitation des additifs. 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*		120	---	---
Specific Gravity		ASTM D1298*		1.096	---	---
pH	Scale 0-14	ASTM D1287*	9.5	10.4	---	---
Nitrites	ppm	Alcan Test Kit*	500	1600	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		4.5	---	---
Percentage Glycol	%	ASTM D3321*	50	▲ 76.0	---	---
Freezing Point	°C	ASTM D3321*	-40	▲ -51	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)	150	101	---	---
Phosphorus	ppm	ASTM D5185(m)	0	13	---	---
Boron	ppm	ASTM D5185(m)	300	289	---	---
Molybdenum	ppm	ASTM D5185(m)		<1	---	---
Sodium	ppm	ASTM D5185(m)		2877	---	---
Potassium	ppm	ASTM D5185(m)		146	---	---
Coolant Color		Visual*	Pink	Purple	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021489
Lab Number : 02641855
Unique Number : 5799394
Test Package : COOL (Additional Tests: GlycolType)
Received : 13 Jun 2024
Tested : 14 Jun 2024
Diagnosed : 14 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.