

COOLANT REPORT

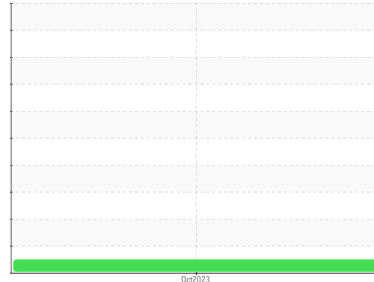
Sample Rating Trend

NORMAL



Area
STQ [6100142280]
Machine Id
06R0721021

Component
Coolant
Fluid
DETROIT DIESEL POWER COOL (--- GAL)



DIAGNOSIS

Recommendation

Le fluide peut encore servir. 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 pH de ce fluide est dans les limites acceptables. La réserve d'alcalinité de ce fluide est acceptable.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WA0018864	---	---
Sample Date	Client Info	06 Oct 2023	---	---
Machine Age	hrs Client Info	2	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.063	---	---
pH	Scale 0-14 ASTM D1287*	9.73	---	---
Nitrites	ppm Alcan Test Kit*	1600	---	---
Reserve Alkalinity	Scale 0-20 ASTM D1121*	4.1	---	---
Percentage Glycol	% ASTM D3321*	46.5	---	---
Freezing Point	°C ASTM D3321*	-26	---	---
Carboxylate		---	---	---

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	50	---	---
Phosphorus	ppm ASTM D5185(m)	10	---	---
Boron	ppm ASTM D5185(m)	242	---	---
Molybdenum	ppm ASTM D5185(m)	1	---	---

CORROSION

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m)	>15 0	---	---
Aluminum	ppm ASTM D5185(m)	>10 0	---	---
Copper	ppm ASTM D5185(m)	>10 0	---	---
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)	0	---	---

CARRIER SALTS

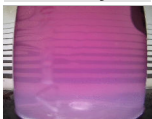

method	limit/base	current	history1	history2
Sodium	ppm ASTM D5185(m)	2172	---	---
Potassium	ppm ASTM D5185(m)	29	---	---

SCALE POTENTIAL

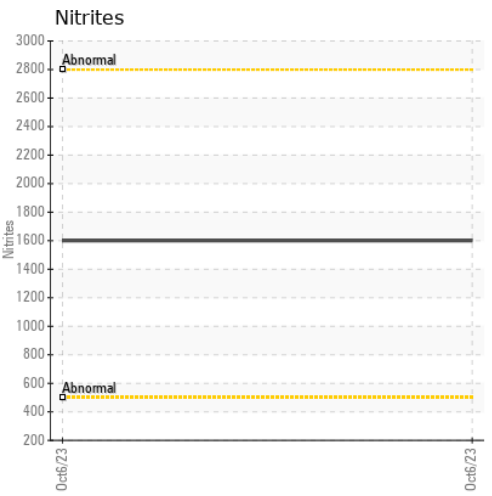
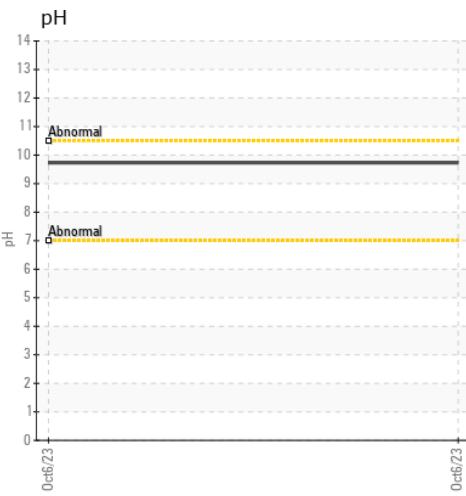
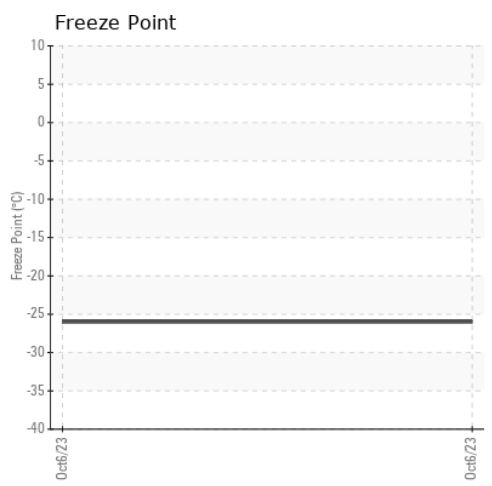
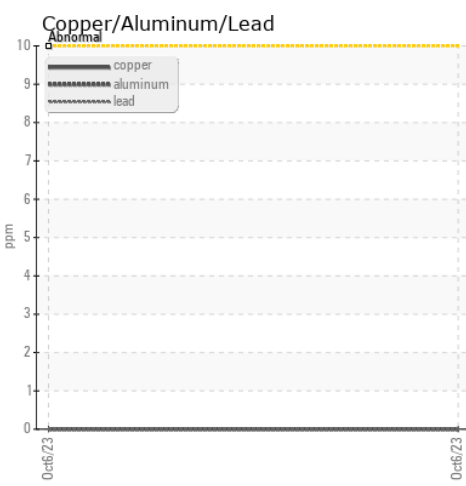
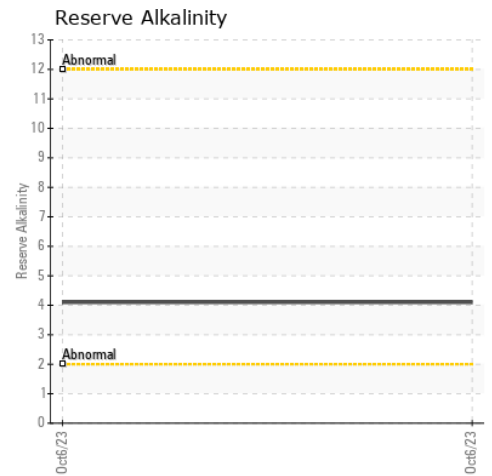
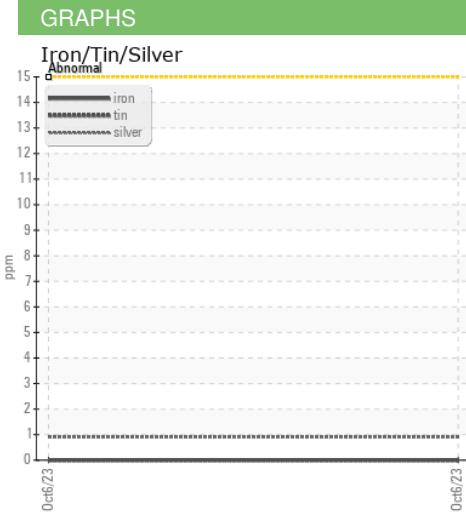
method	limit/base	current	history1	history2
Calcium	ppm ASTM D5185(m)	>100 14	---	---
Magnesium	ppm ASTM D5185(m)	>40 1	---	---
Hardness	mg/L CaCO3 In-house*	<75 40	---	---

VISUAL

method	limit/base	current	history1	history2
Coolant Color	Visual*	Pink Pink	---	---
Coolant Appearance	Visual*	Clear Cloudy	---	---

Color			no image	no image
Bottom			no image	no image

COOLANT REPORT



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0018864
Lab Number : 02589081
Unique Number : 5658147
Test Package : COOL
Received : 13 Oct 2023
Diagnosed : 16 Oct 2023
Diagnostician : Kevin Marson

Wajax Power Systems
 2997 AV. WATT
 Quebec, QC
 CA G1X 3W1
 Contact: Joe Di Pede
 jdipede@wajax.com
 T: (418)651-5371
 F: (418)651-4448

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.