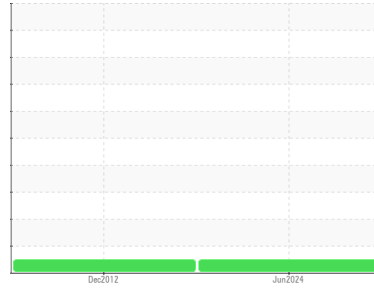


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
COAST GUARD [6100277054]
Machine Id
524101597
Component
Diesel Engine
Fluid
SAE 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Wear

Les taux d'usure de tous les composants sont normaux.

Contamination

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

Fluid Condition

L'état de l'huile est acceptable pour la durée de service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WA0016257	WA0003928	---
Sample Date	Client Info		01 Jun 2024	20 Dec 2012	---
Machine Age	hrs	Client Info	30111	13	---
Oil Age	hrs	Client Info	5	43	---
Oil Changed	Client Info		Not Chngd	N/A	---
Sample Status			NORMAL	NORMAL	---

CONTAMINATION

	method	limit/base	current	history1	history2
Fuel	WC Method	>5	<1.0	<1.0	---
Water	WC Method	>0.2	NEG	NEG	---
Glycol	WC Method		NEG	NEG	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >100	2	4	---
Chromium	ppm	ASTM D5185(m) >20	0	<1	---
Nickel	ppm	ASTM D5185(m) >4	0	0	---
Titanium	ppm	ASTM D5185(m)	0	0	---
Silver	ppm	ASTM D5185(m) >3	0	<1	---
Aluminum	ppm	ASTM D5185(m) >20	<1	2	---
Lead	ppm	ASTM D5185(m) >40	0	<1	---
Copper	ppm	ASTM D5185(m) >330	2	6	---
Tin	ppm	ASTM D5185(m) >15	0	<1	---
Antimony	ppm	ASTM D5185(m)	0	2	---
Vanadium	ppm	ASTM D5185(m)	0	0	---
Beryllium	ppm	ASTM D5185(m)	0	0	---
Cadmium	ppm	ASTM D5185(m)	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	3	92	---
Barium	ppm	ASTM D5185(m)	0	2	---
Molybdenum	ppm	ASTM D5185(m)	56	7	---
Manganese	ppm	ASTM D5185(m)	0	<1	---
Magnesium	ppm	ASTM D5185(m)	941	17	---
Calcium	ppm	ASTM D5185(m)	997	2324	---
Phosphorus	ppm	ASTM D5185(m)	986	972	---
Zinc	ppm	ASTM D5185(m)	1142	1125	---
Sulfur	ppm	ASTM D5185(m)	2634	3721	---
Lithium	ppm	ASTM D5185(m)	<1	<1	---

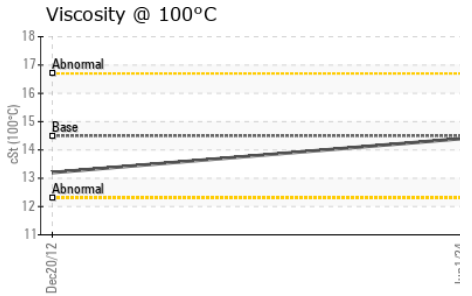
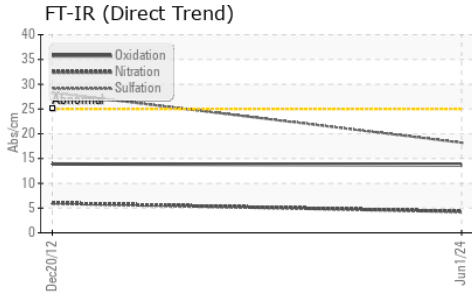
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >25	3	4	---
Sodium	ppm	ASTM D5185(m) >57	2	44	---
Potassium	ppm	ASTM D5185(m) >20	<1	4	---

INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844* >3	0	0.1	---
Nitration	Abs/cm	ASTM D7624* >20	4.3	6.0	---
Sulfation	Abs./1mm	ASTM D7415* >30	18.2	28.3	---

OIL ANALYSIS REPORT

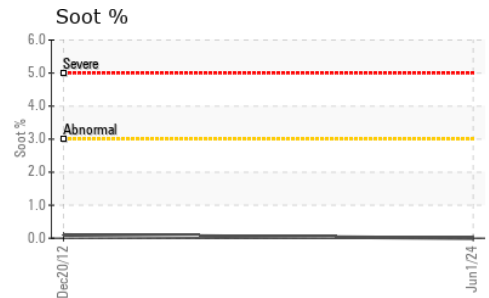
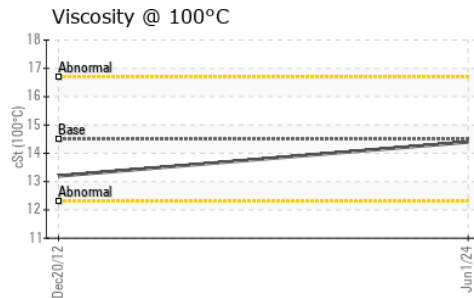
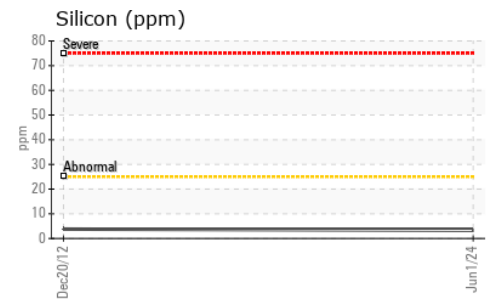
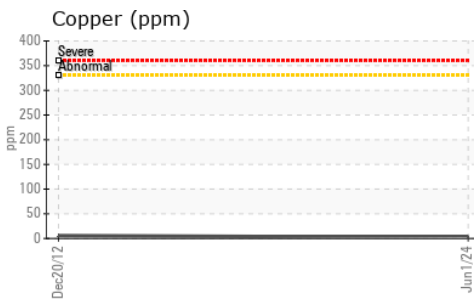
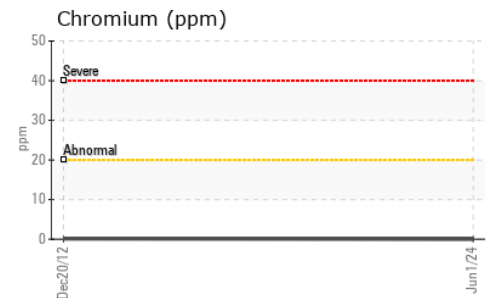
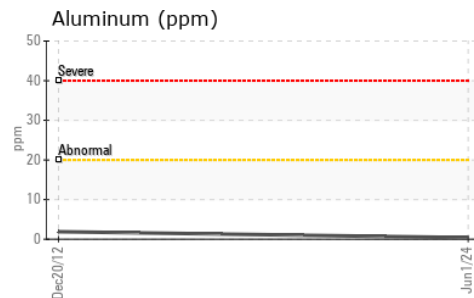
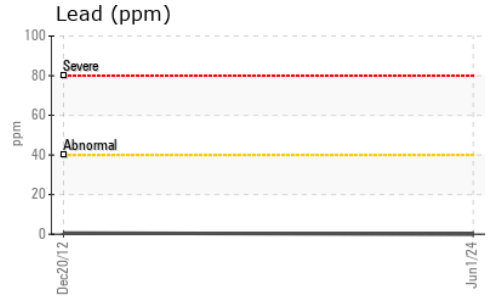
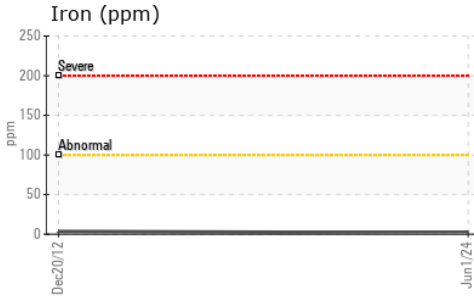


FLUID DEGRADATION	method	limit/base	current	history1	history2
Oxidation	Abs./1mm	ASTM D7414*	>25	13.7	13.9

VISUAL	method	limit/base	current	history1	history2
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG
Free Water	scalar	Visual*	NEG	NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	14.5	14.4	13.2

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0016257
Lab Number : 02641560
Unique Number : 5799099
Test Package : MOB 1
Received : 13 Jun 2024
Tested : 13 Jun 2024
Diagnosed : 13 Jun 2024 - Kevin Marson

Wajax Limited
 2997 AV. WATT
 Quebec, QC
 CA G1X 3W1
 Contact: SERVICE

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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