



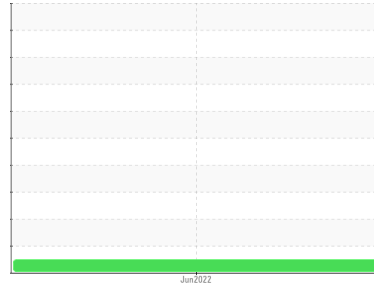
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
GARNISON [VQ5940]
 Machine Id
GD12152
 Component
Diesel Engine
 Fluid
 DIESEL ENGINE OIL SAE 40 (--- GAL)



DIAGNOSIS

Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) DIESEL ENGINE OIL SAE 40. Veuillez confirmer. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

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		GD0005336	---	---
Sample Date	Client Info		20 Jun 2022	---	---
Machine Age	hrs	Client Info	1584	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

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

WEAR METALS

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

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 250	10	---	---
Barium	ppm	ASTM D5185(m) 10	0	---	---
Molybdenum	ppm	ASTM D5185(m) 100	61	---	---
Manganese	ppm	ASTM D5185(m)	<1	---	---
Magnesium	ppm	ASTM D5185(m) 450	831	---	---
Calcium	ppm	ASTM D5185(m) 3000	1197	---	---
Phosphorus	ppm	ASTM D5185(m) 1150	1012	---	---
Zinc	ppm	ASTM D5185(m) 1350	1160	---	---
Sulfur	ppm	ASTM D5185(m) 4250	2753	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

CONTAMINANTS

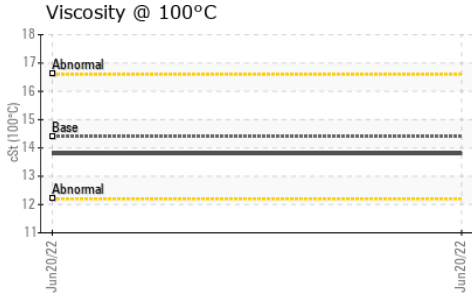
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >25	6	---	---
Sodium	ppm	ASTM D5185(m) >216	2	---	---
Potassium	ppm	ASTM D5185(m) >20	<1	---	---

INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844* >3	0	---	---
Nitration	Abs/cm	ASTM D7624* >20	3.2	---	---
Sulfation	Abs./1mm	ASTM D7415* >30	13.2	---	---



OIL ANALYSIS REPORT



FLUID DEGRADATION

method	limit/base	current	history1	history2
Abs./1mm	ASTM D7414*	>25	6.3	---

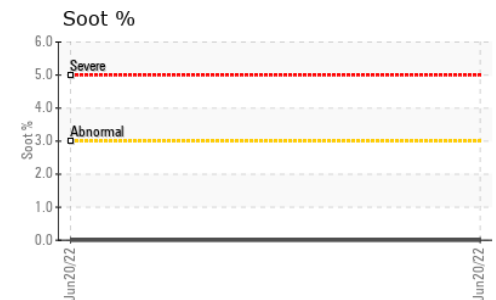
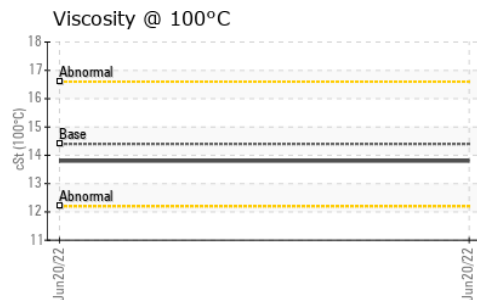
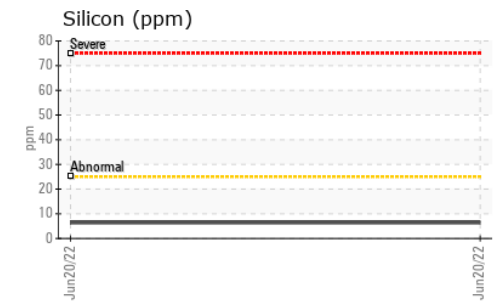
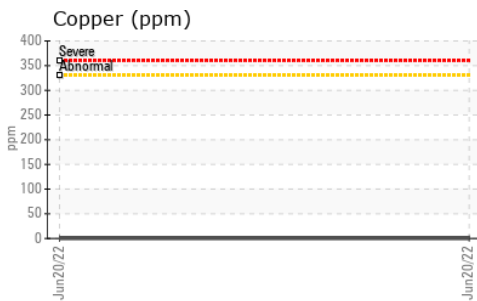
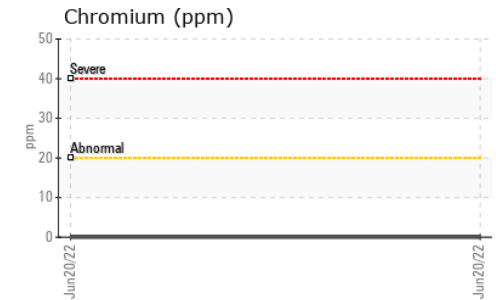
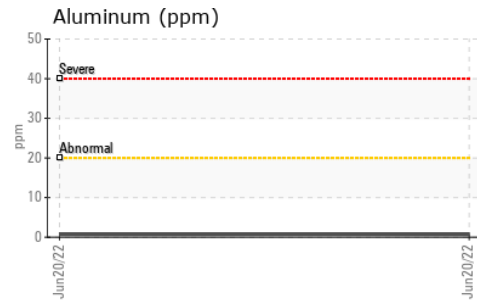
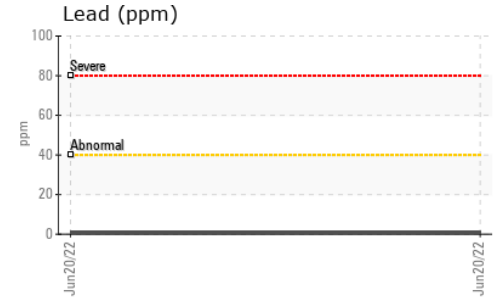
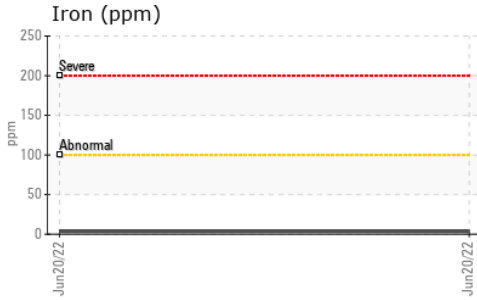
VISUAL

method	limit/base	current	history1	history2
scalar	Visual*	>0.2	NEG	---
scalar	Visual*		NEG	---

FLUID PROPERTIES

method	limit/base	current	history1	history2
cSt	ASTM D7279(m)	14.4	13.8	---

GRAPHS



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GD0005336
Lab Number : 02500778
Unique Number : 5425738
Test Package : MOB 1

Received : 20 Jul 2022
Tested : 20 Jul 2022
Diagnosed : 20 Jul 2022 - Wes Davis

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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.