



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area

GARNISON OF MONTREAL [VQ6019]

Machine Id

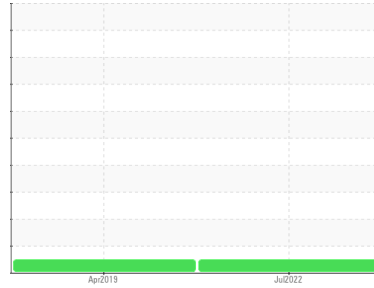
GD5272

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			GD0005530	GD0003278	---
Sample Date	Client Info			25 Jul 2022	23 Apr 2019	---
Machine Age	hrs	Client Info		0	545	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed	Client Info			Changed	Changed	---
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	3	12	---
Chromium	ppm	ASTM D5185(m)	>20	0	0	---
Nickel	ppm	ASTM D5185(m)	>4	0	0	---
Titanium	ppm	ASTM D5185(m)		<1	0	---
Silver	ppm	ASTM D5185(m)	>3	0	0	---
Aluminum	ppm	ASTM D5185(m)	>20	<1	2	---
Lead	ppm	ASTM D5185(m)	>40	<1	1	---
Copper	ppm	ASTM D5185(m)	>330	<1	10	---
Tin	ppm	ASTM D5185(m)	>15	<1	<1	---
Antimony	ppm	ASTM D5185(m)		0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Beryllium	ppm	ASTM D5185(m)		0	0	---
Cadmium	ppm	ASTM D5185(m)		0	<1	---

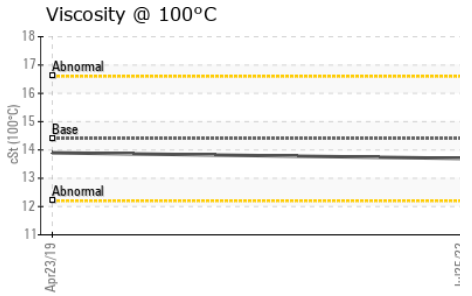
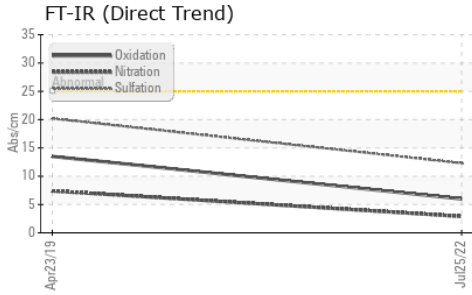
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	250	1	113	---
Barium	ppm	ASTM D5185(m)	10	0	0	---
Molybdenum	ppm	ASTM D5185(m)	100	58	91	---
Manganese	ppm	ASTM D5185(m)		<1	<1	---
Magnesium	ppm	ASTM D5185(m)	450	998	388	---
Calcium	ppm	ASTM D5185(m)	3000	1058	2321	---
Phosphorus	ppm	ASTM D5185(m)	1150	1023	1261	---
Zinc	ppm	ASTM D5185(m)	1350	1209	1573	---
Sulfur	ppm	ASTM D5185(m)	4250	2746	6431	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	11	9	---
Sodium	ppm	ASTM D5185(m)	>216	2	2	---
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	---

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0	0	---
Nitration	Abs/cm	ASTM D7624*	>20	2.9	7.4	---
Sulfation	Abs./1mm	ASTM D7415*	>30	12.3	20.2	---



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FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs./1mm	ASTM D7414*	>25	6.0	13.5	---

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)	14.4	13.7	13.9	---

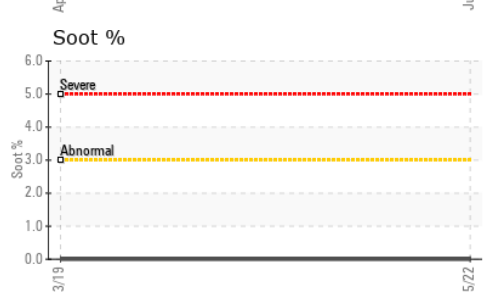
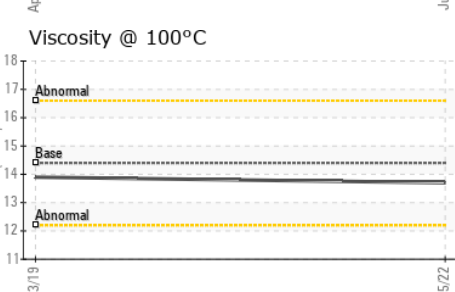
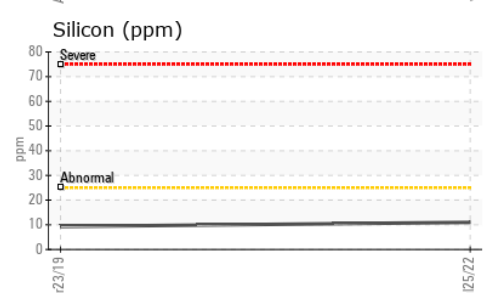
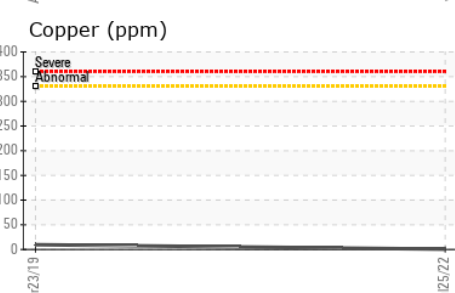
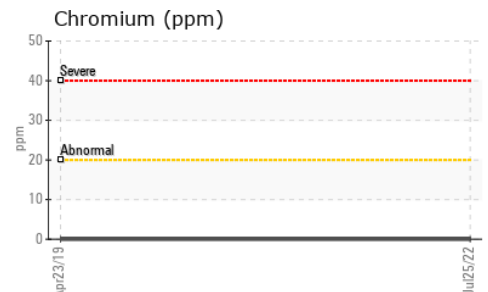
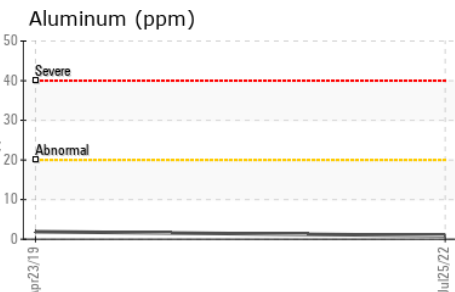
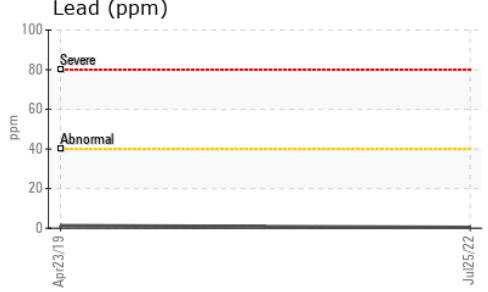
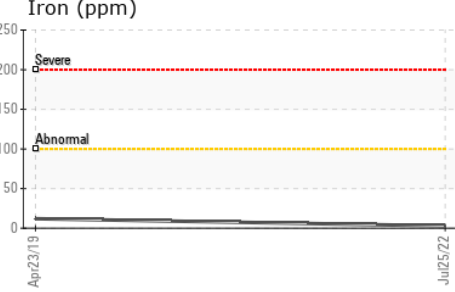
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Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GD0005530
Lab Number : 02502322
Unique Number : 5435283
Test Package : MOB 1

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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.