



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[BTBC-000955]
 Machine Id
T20-13
 Component
Diesel Engine
 Fluid
TOTAL 5W40 (--- GAL)

RECOMMENDATION

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		VCP194809	---	---
Sample Date		Client Info		28 May 2018	---	---
Machine Age	kms	Client Info		11570	---	---
Oil Age	kms	Client Info		0	---	---
Filter Age	kms	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	69	---	---
Chromium	ppm	ASTM D5185(m)	>20	2	---	---
Nickel	ppm	ASTM D5185(m)	>2	<1	---	---
Titanium	ppm	ASTM D5185(m)	>2	<1	---	---
Silver	ppm	ASTM D5185(m)	>2	<1	---	---
Aluminum	ppm	ASTM D5185(m)	>20	3	---	---
Lead	ppm	ASTM D5185(m)	>40	5	---	---
Copper	ppm	ASTM D5185(m)	>330	1	---	---
Tin	ppm	ASTM D5185(m)	>15	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

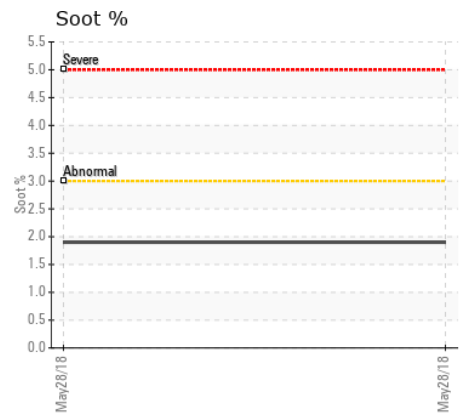
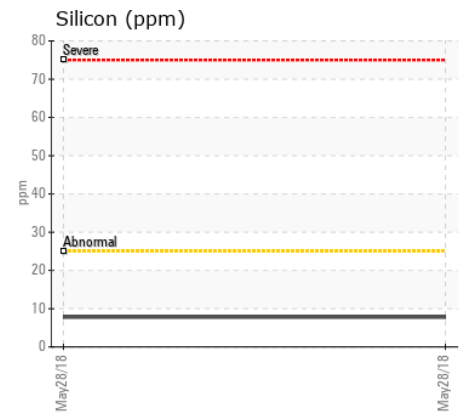
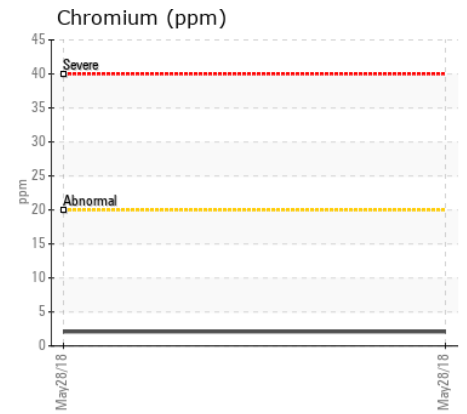
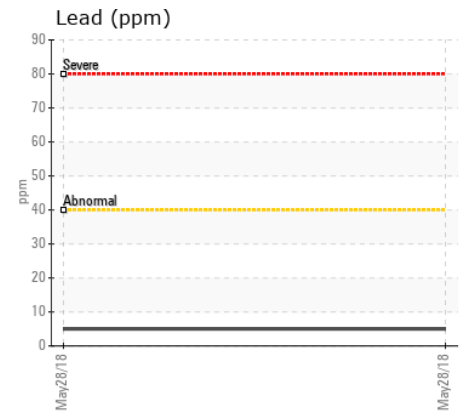
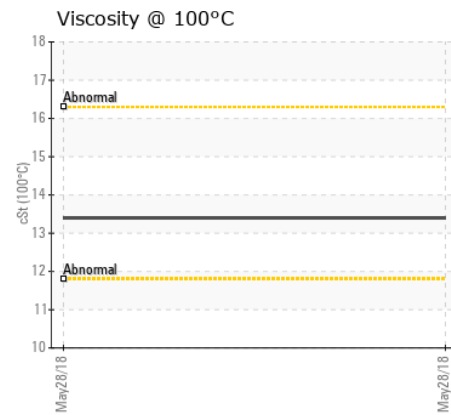
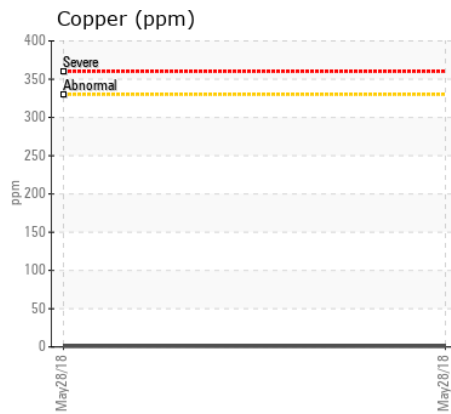
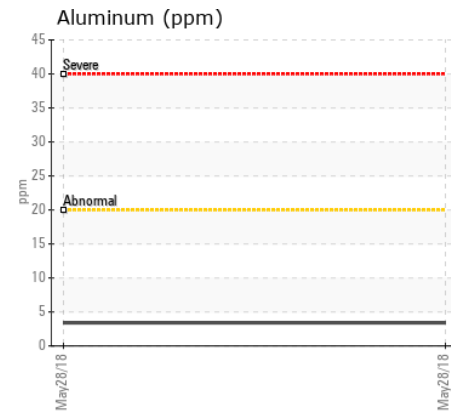
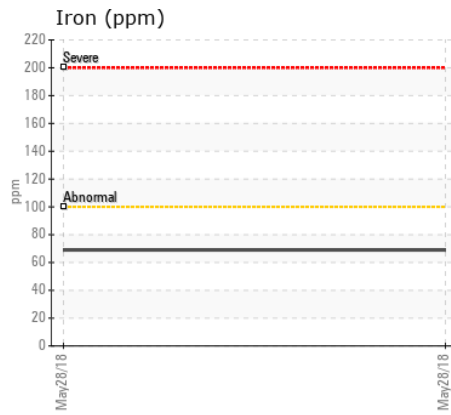
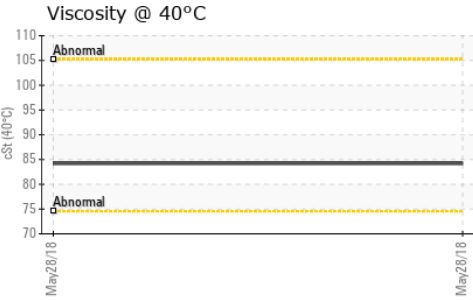
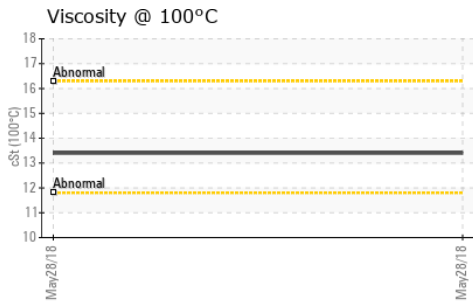
Il n'y a aucun indice de contamination dans le l'huile.

Silicon	ppm	ASTM D5185(m)	>25	8	---	---
Potassium	ppm	ASTM D5185(m)	>20	3	---	---
Fuel		WC Method	>5	<1.0	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	ASTM D7844*	>3	1.9	---	---
Nitration	Abs/cm	ASTM D7624*	>25	14.0	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>35	28.5	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		10	---	---
Boron	ppm	ASTM D5185(m)		18	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		63	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)		1125	---	---
Calcium	ppm	ASTM D5185(m)		859	---	---
Phosphorus	ppm	ASTM D5185(m)		1068	---	---
Zinc	ppm	ASTM D5185(m)		1309	---	---
Sulfur	ppm	ASTM D5185(m)		2717	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	24.5	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		84.2	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		13.4	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		161	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : VCP194809 **Received** : 06 Jun 2018
Lab Number : 02220636 **Tested** : 06 Jun 2018
Unique Number : 4695761 **Diagnosed** : 06 Jun 2018 - Kevin Marson
Test Package : MOB 1 (Additional Tests: KV40, VI)

TESSIER LTEE.
 4 RUE LAVALEE
 BAIE COMEAU, QC
 CA G4Z 1L4

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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.