



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
INTERNATIONAL 528102
Component
Diesel Engine
Fluid
PETRO CANADA DURON SHP 15W40 (--- 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		PC0088205	GFL0113468	---
Sample Date		Client Info		28 May 2024	07 Mar 2024	---
Machine Age	hrs	Client Info		0	10624	---
Oil Age	hrs	Client Info		263	564	---
Filter Age	hrs	Client Info		263	564	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	15	28	---
Chromium	ppm	ASTM D5185(m)	>20	<1	1	---
Nickel	ppm	ASTM D5185(m)	>4	0	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)	>3	0	0	---
Aluminum	ppm	ASTM D5185(m)	>20	2	3	---
Lead	ppm	ASTM D5185(m)	>40	0	4	---
Copper	ppm	ASTM D5185(m)	>330	<1	<1	---
Tin	ppm	ASTM D5185(m)	>15	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

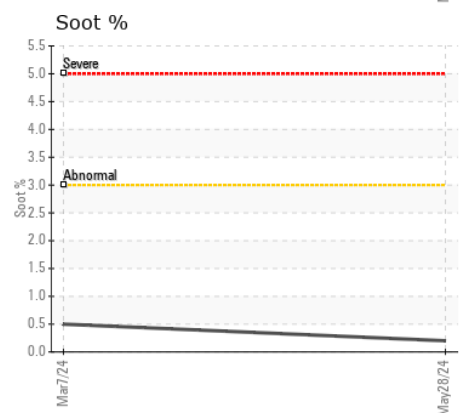
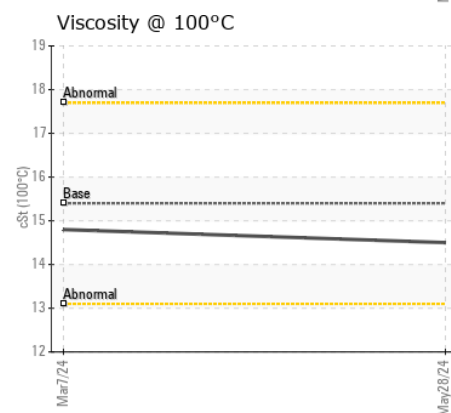
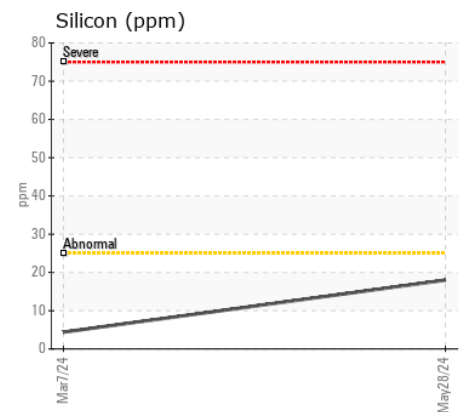
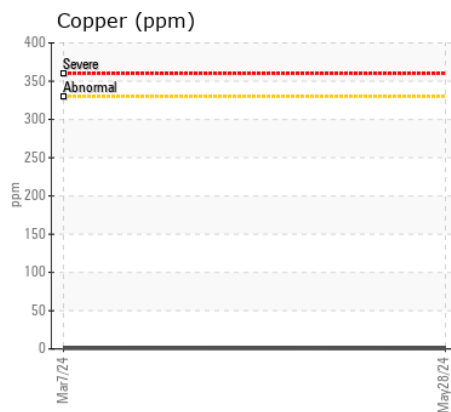
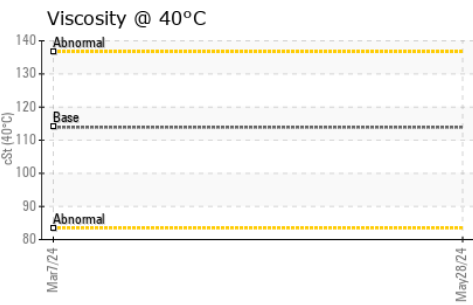
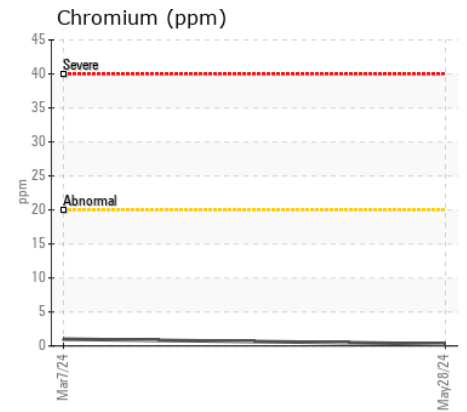
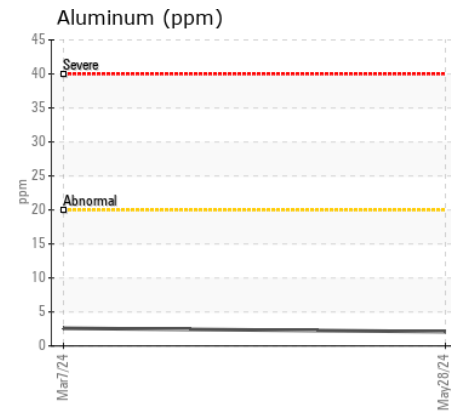
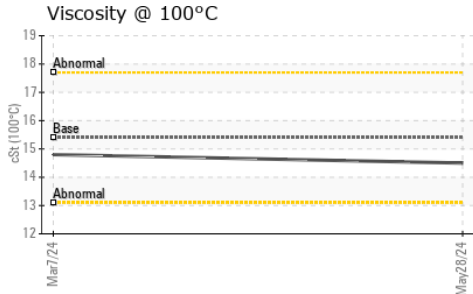
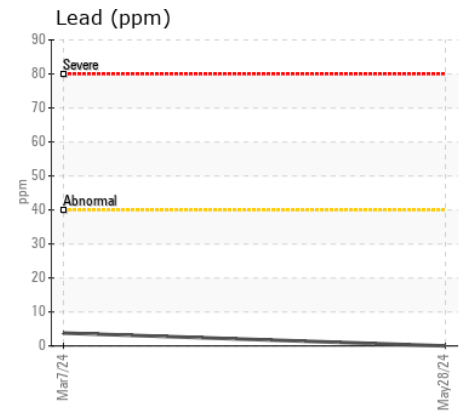
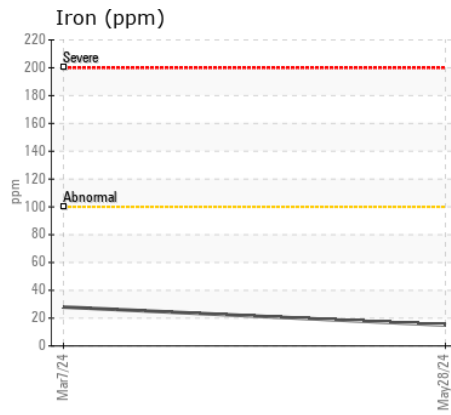
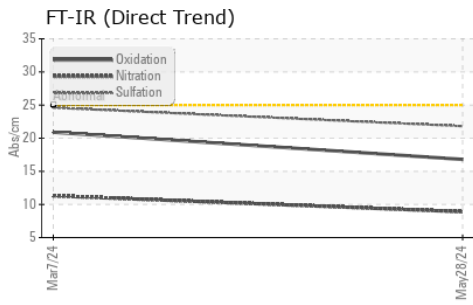
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	18	4	---
Potassium	ppm	ASTM D5185(m)	>20	1	14	---
Fuel		WC Method	>2.0	<1.0	<1.0	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	0.0	---
Soot %	%	ASTM D7844*	>3	0.2	0.5	---
Nitration	Abs/cm	ASTM D7624*	>20	8.9	11.3	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.8	24.6	---
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		5	6	---
Boron	ppm	ASTM D5185(m)	0	44	4	---
Barium	ppm	ASTM D5185(m)	0	0	0	---
Molybdenum	ppm	ASTM D5185(m)	60	70	65	---
Manganese	ppm	ASTM D5185(m)	0	<1	0	---
Magnesium	ppm	ASTM D5185(m)	1010	958	1049	---
Calcium	ppm	ASTM D5185(m)	1070	1155	1233	---
Phosphorus	ppm	ASTM D5185(m)	1150	964	1111	---
Zinc	ppm	ASTM D5185(m)	1270	1158	1339	---
Sulfur	ppm	ASTM D5185(m)	2060	2385	2706	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	16.8	20.9	---
Visc @ 40°C	cSt	ASTM D7279(m)	113.9	108	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	14.5	14.8	---
Viscosity Index (VI)	Scale	ASTM D2270*	142	137	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088205
Lab Number : 02639383
Unique Number : 5788545
Test Package : MOB 1 (Additional Tests: KV40, VI)

GFL Environmental 791MAT - Matane
 29 rue Brilliant
 Matane, QC
 CA G4W 0J7
 Contact: B Berube
 bberube@matrec.ca

*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.*