



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
801085
 Component
Diesel Engine
 Fluid
PETRO CANADA DURON SAE 10W30 (--- 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		PC0083815	PC0078120	PC0071858
Sample Date		Client Info		26 Mar 2024	19 Jul 2023	18 Apr 2023
Machine Age	kms	Client Info		151220	124785	117738
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	22	32	17
Chromium	ppm	ASTM D5185(m)	>20	<1	1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	0	<1
Titanium	ppm	ASTM D5185(m)		0	<1	<1
Silver	ppm	ASTM D5185(m)	>3	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>20	6	3	4
Lead	ppm	ASTM D5185(m)	>40	0	0	0
Copper	ppm	ASTM D5185(m)	>330	1	1	<1
Tin	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

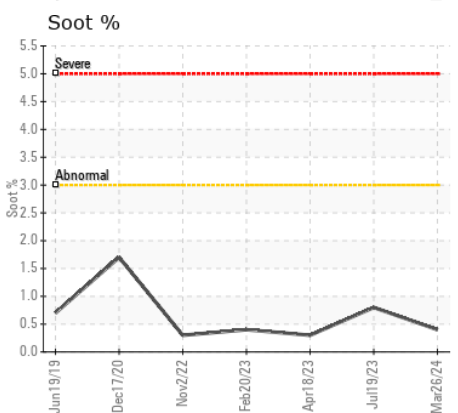
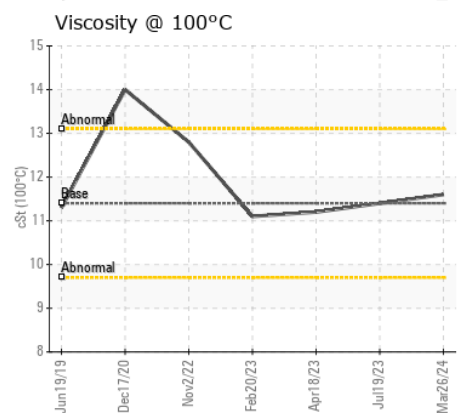
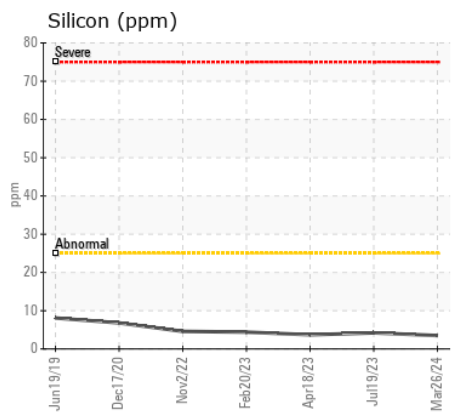
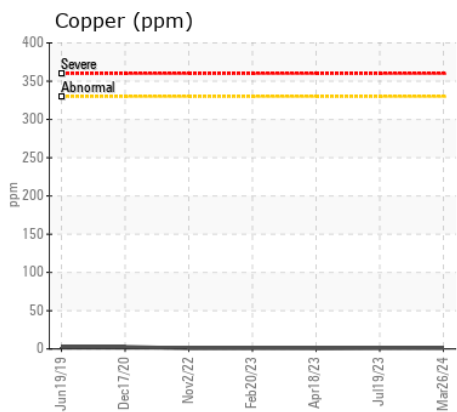
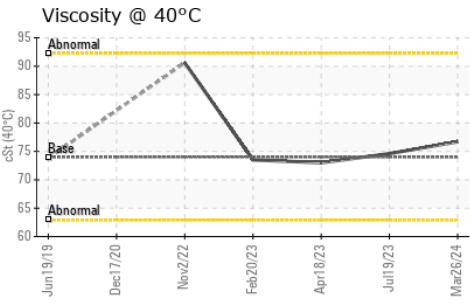
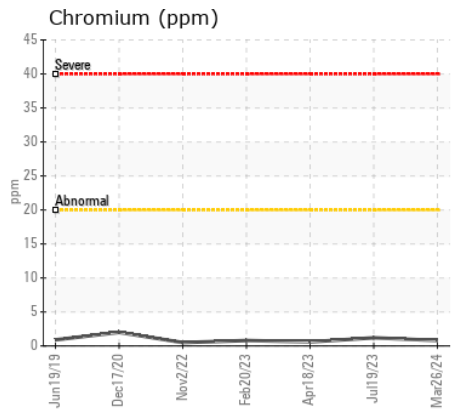
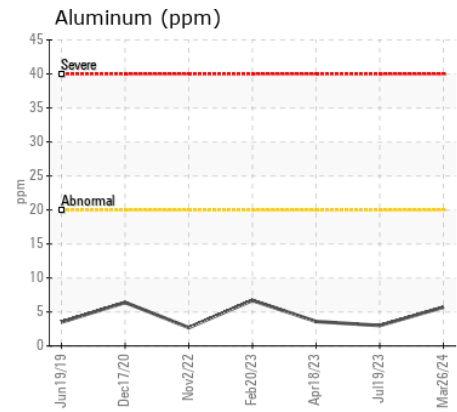
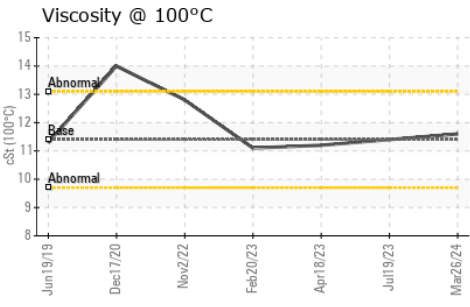
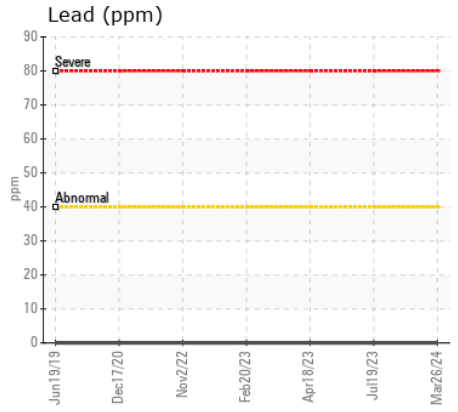
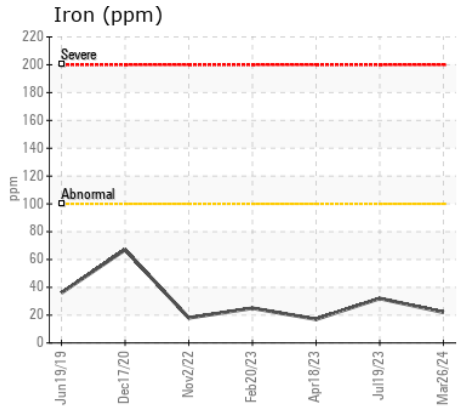
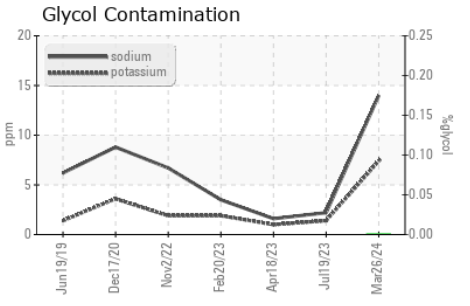
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	4	4	4
Potassium	ppm	ASTM D5185(m)	>20	7	1	1
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol	%	ASTM D7922*		0.0	NEG	NEG
Soot %	%	ASTM D7844*	>3	0.4	0.8	0.3
Nitration	Abs/cm	ASTM D7624*	>20	8.7	9.8	7.5
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.0	21.5	19.3
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		14	2	2
Boron	ppm	ASTM D5185(m)	1	10	4	6
Barium	ppm	ASTM D5185(m)	1	0	0	0
Molybdenum	ppm	ASTM D5185(m)	1	54	59	59
Manganese	ppm	ASTM D5185(m)	1	0	<1	<1
Magnesium	ppm	ASTM D5185(m)	10	815	963	938
Calcium	ppm	ASTM D5185(m)	2942	1256	1069	1117
Phosphorus	ppm	ASTM D5185(m)	1102	974	1045	1076
Zinc	ppm	ASTM D5185(m)	1351	1166	1200	1189
Sulfur	ppm	ASTM D5185(m)	3903	2536	2415	2622
Oxidation	Abs/.1mm	ASTM D7414*	>25	15.3	17.0	15.0
Visc @ 40°C	cSt	ASTM D7279(m)	74.0	76.7	74.6	73.0
Visc @ 100°C	cSt	ASTM D7279(m)	11.4	11.6	11.4	11.2
Viscosity Index (VI)	Scale	ASTM D2270*	146	144	145	144



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0083815
Lab Number : 02625156
Unique Number : 5750275
Test Package : MOB 1 (Additional Tests: Glycol, KV40, VI)
Received : 28 Mar 2024
Tested : 28 Mar 2024
Diagnosed : 28 Mar 2024 - Wes Davis
 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.

GFL Environmental - 737 - Quebec City Hauling
 6205 Boul. Wilfrid Hamel,
 Quebec City, QC
 CA G2E 5G8
 Contact: Michel .
 mmorrisette@matrec.ca
 T: (418)628-8666
 F: x: