



Machine Id
711031
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		GFL0114864	GFL0103714	GFL0088833
Sample Date		Client Info		28 Feb 2024	04 Dec 2023	11 Sep 2023
Machine Age	hrs	Client Info		6605	93473	52194
Oil Age	hrs	Client Info		0	0	600
Filter Age	hrs	Client Info		0	0	600
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)	>120	7	9	13
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	0	<1	0
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>20	2	2	3
Lead	ppm	ASTM D5185(m)	>40	<1	<1	<1
Copper	ppm	ASTM D5185(m)	>330	1	1	2
Tin	ppm	ASTM D5185(m)	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

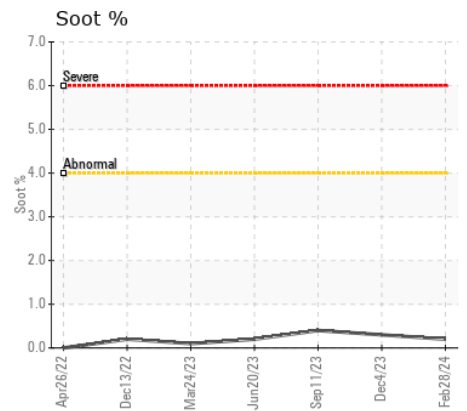
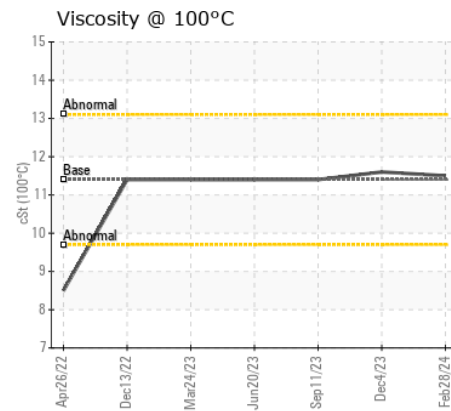
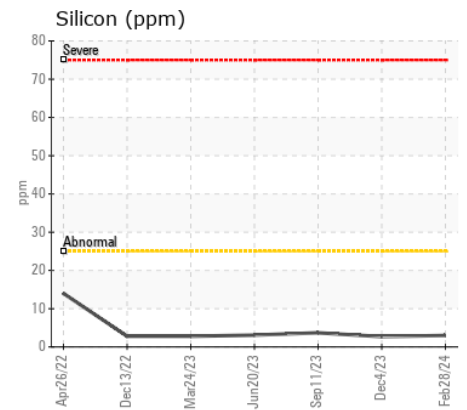
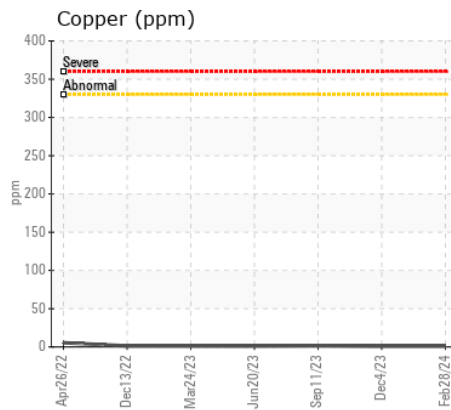
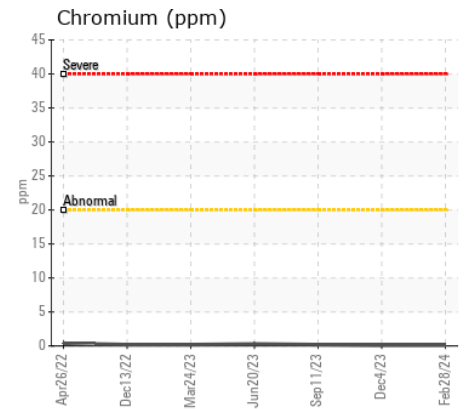
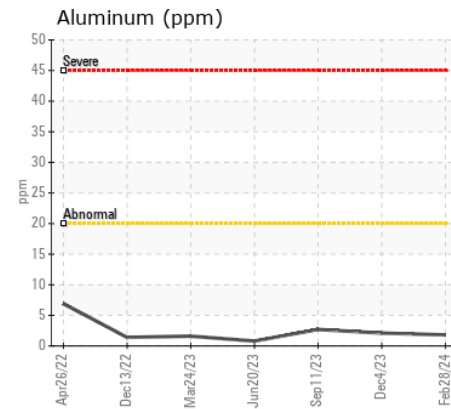
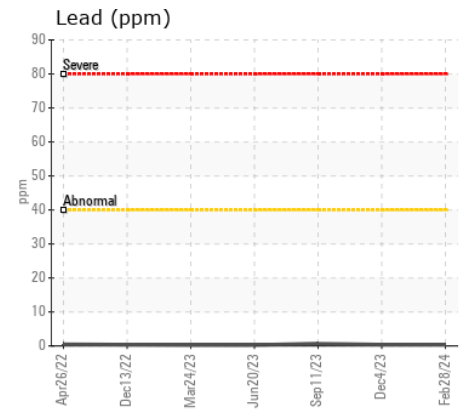
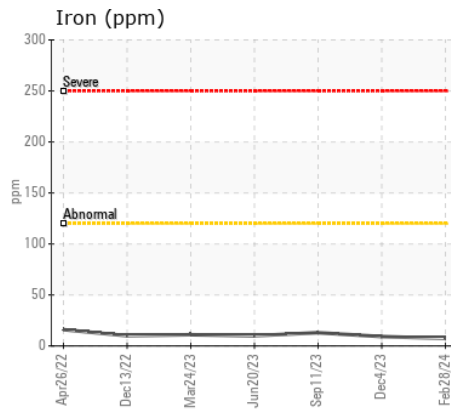
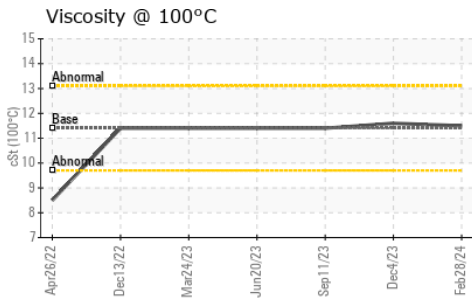
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	3	3	4
Potassium	ppm	ASTM D5185(m)	>20	3	3	5
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	0.0
Soot %	%	ASTM D7844*	>4	0.2	0.3	0.4
Nitration	Abs/cm	ASTM D7624*	>20	7.8	7.8	8.2
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.6	19.2	20.2
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)		3	4	12
Boron	ppm	ASTM D5185(m)	1	4	2	2
Barium	ppm	ASTM D5185(m)	1	0	0	<1
Molybdenum	ppm	ASTM D5185(m)	1	57	55	66
Manganese	ppm	ASTM D5185(m)	1	0	0	0
Magnesium	ppm	ASTM D5185(m)	10	931	898	1084
Calcium	ppm	ASTM D5185(m)	2942	1066	1053	1278
Phosphorus	ppm	ASTM D5185(m)	1102	956	904	1066
Zinc	ppm	ASTM D5185(m)	1351	1123	1103	1352
Sulfur	ppm	ASTM D5185(m)	3903	2475	2376	2558
Oxidation	Abs/.1mm	ASTM D7414*	>25	15.7	14.8	15.8
Visc @ 100°C	cSt	ASTM D7279(m)	11.4	11.5	11.6	11.4



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0114864
Lab Number : 02620415
Unique Number : 5737525
Test Package : MOB 1
Received : 07 Mar 2024
Tested : 07 Mar 2024
Diagnosed : 07 Mar 2024 - Wes Davis

GFL Environmental - 780 - GMA - ICI - Solid Waste
 4365 boul. St-Elzear Ouest,
 Laval, QC
 CA H7P 4J3
 Contact: Pieces Laval
 pieces.laval@gflenv.com
 T: (450)687-3838
 F:

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.