



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
4682
 Component
Diesel Engine
 Fluid
PETRO CANADA DURON SHP 10W30 (40 LTR)

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		GFL0107382	GFL0094157	GFL0053830
Sample Date		Client Info		04 Apr 2024	10 Oct 2023	05 Jul 2022
Machine Age	kms	Client Info		135105	86546	112895
Oil Age	kms	Client Info		600	600	1200
Filter Age	kms	Client Info		600	600	1200
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	26	35	35
Chromium	ppm	ASTM D5185(m)	>20	1	1	2
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)	>3	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>20	10	10	13
Lead	ppm	ASTM D5185(m)	>40	0	0	<1
Copper	ppm	ASTM D5185(m)	>330	2	2	5
Tin	ppm	ASTM D5185(m)	>15	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

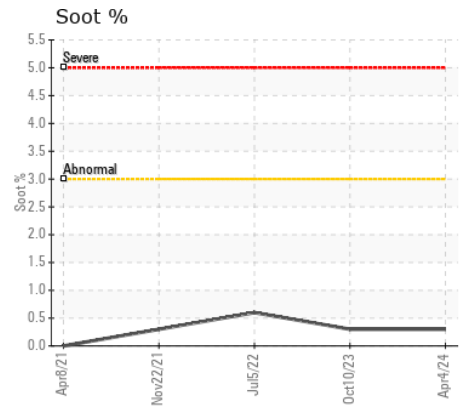
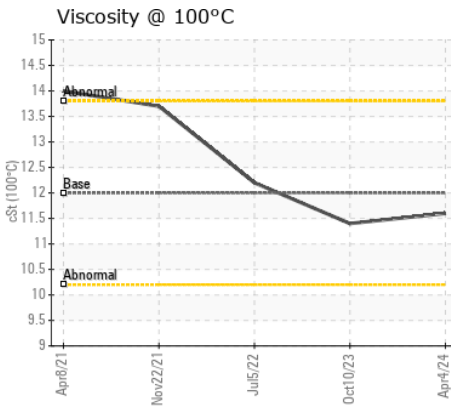
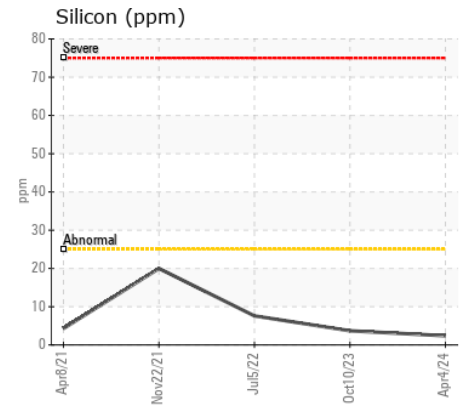
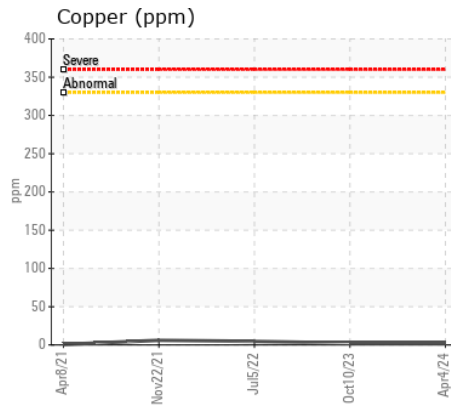
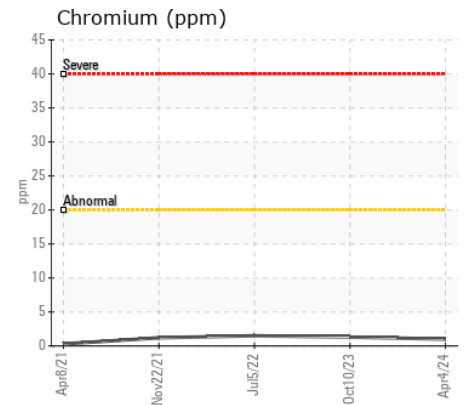
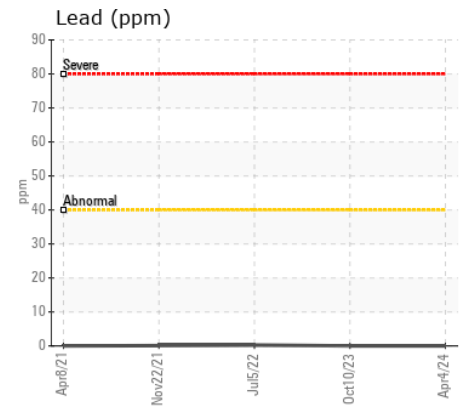
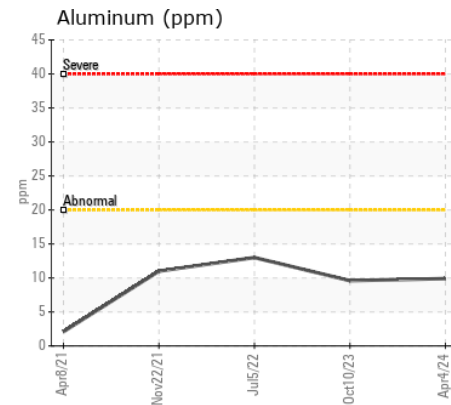
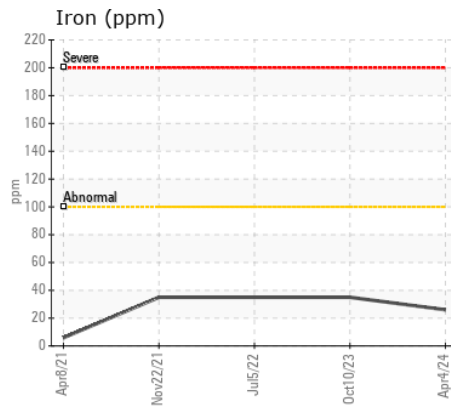
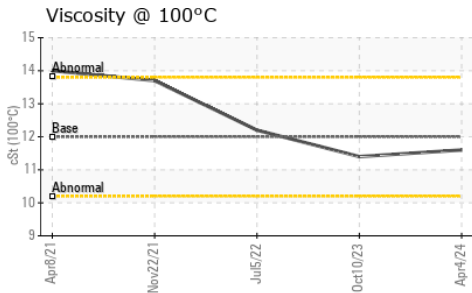
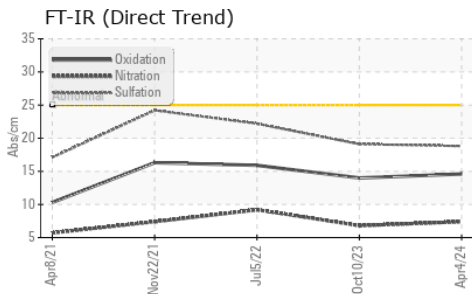
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	2	4	8
Potassium	ppm	ASTM D5185(m)	>20	2	2	3
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>3	0.3	0.3	0.6
Nitration	Abs/cm	ASTM D7624*	>20	7.4	6.8	9.2
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.8	19.1	22.2
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)		2	2	2
Boron	ppm	ASTM D5185(m)	2	3	4	17
Barium	ppm	ASTM D5185(m)	0	0	<1	0
Molybdenum	ppm	ASTM D5185(m)	50	59	60	67
Manganese	ppm	ASTM D5185(m)	0	0	0	<1
Magnesium	ppm	ASTM D5185(m)	950	953	959	958
Calcium	ppm	ASTM D5185(m)	1050	1080	1129	1175
Phosphorus	ppm	ASTM D5185(m)	995	992	993	988
Zinc	ppm	ASTM D5185(m)	1180	1195	1193	1192
Sulfur	ppm	ASTM D5185(m)	2600	2536	2588	2543
Oxidation	Abs/.1mm	ASTM D7414*	>25	14.6	14.0	15.9
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	11.6	11.4	12.2



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0107382
Lab Number : 02627183
Unique Number : 5760315
Test Package : MOB 1

GFL Environmental - 731STOK - Stoke Hauling
 286 Chemin Cote
 Stoke, QC
 CA J0B 3G0
 Contact: Robert Sayers
 rsayers@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.

T:
F: