



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
8310
Component
Diesel Engine
Fluid
PETRO CANADA DURON SHP 10W30 (24 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		GFL0120759	GFL0061806	GFL0040360
Sample Date		Client Info		01 May 2024	13 Oct 2022	22 Dec 2021
Machine Age	hrs	Client Info		0	16022	352891
Oil Age	hrs	Client Info		600	600	0
Filter Age	hrs	Client Info		0	600	0
Oil Changed		Client Info		N/A	Changed	Changed
Filter Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>75	18	37	19
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	0	<1	<1
Silver	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>15	5	3	3
Lead	ppm	ASTM D5185(m)	>25	0	<1	<1
Copper	ppm	ASTM D5185(m)	>100	<1	1	1
Tin	ppm	ASTM D5185(m)	>4	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

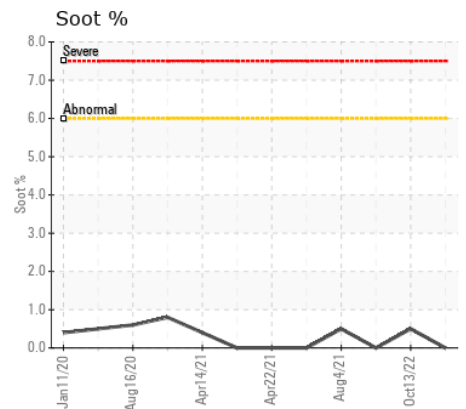
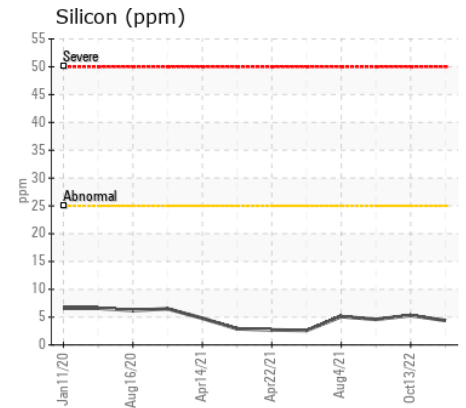
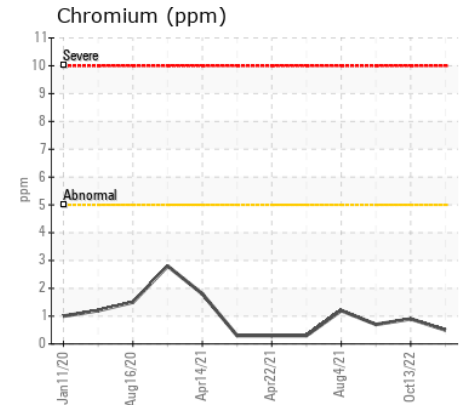
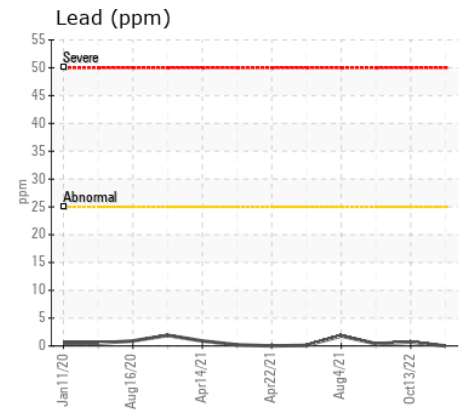
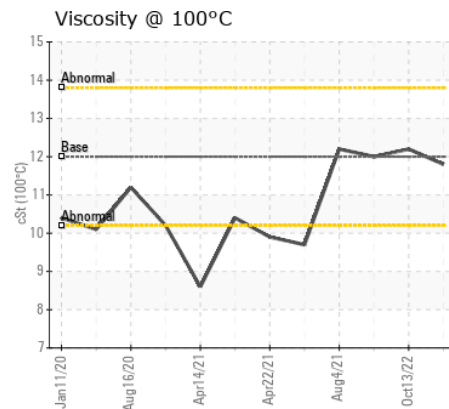
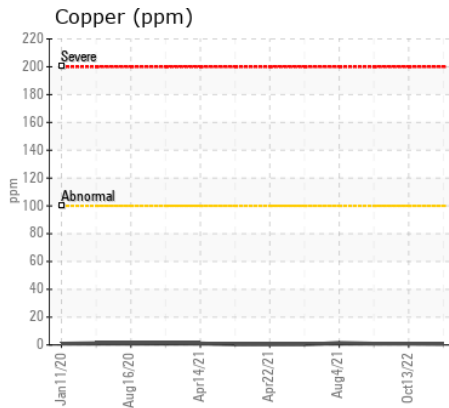
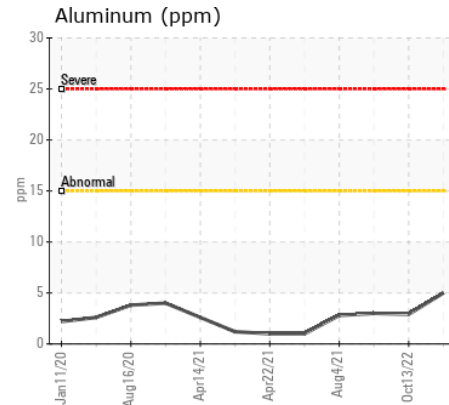
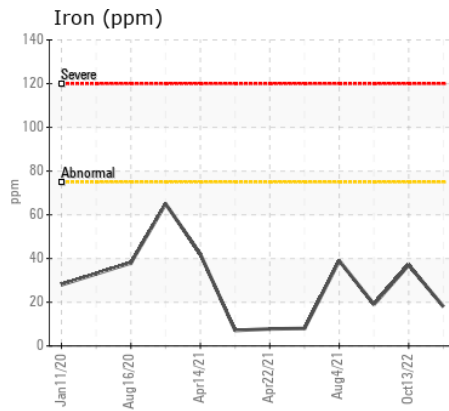
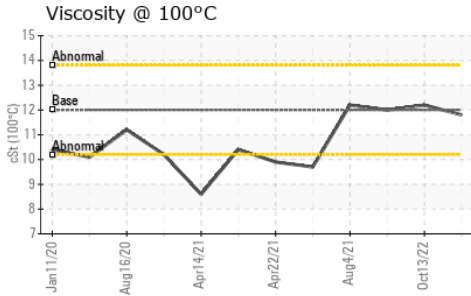
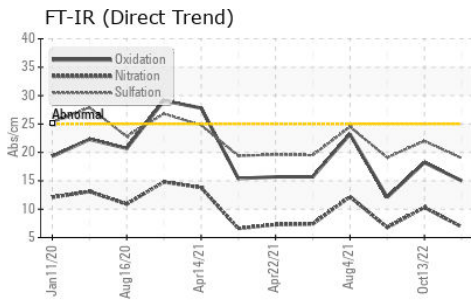
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	4	5	5
Potassium	ppm	ASTM D5185(m)	>20	<1	1	2
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>6	0	0.5	0
Nitration	Abs/cm	ASTM D7624*	>20	6.9	10.3	6.8
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.0	22.0	19.1
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)		5	3	28
Boron	ppm	ASTM D5185(m)	2	8	4	3
Barium	ppm	ASTM D5185(m)	0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	50	58	63	62
Manganese	ppm	ASTM D5185(m)	0	<1	<1	<1
Magnesium	ppm	ASTM D5185(m)	950	906	1015	1031
Calcium	ppm	ASTM D5185(m)	1050	1171	1228	1080
Phosphorus	ppm	ASTM D5185(m)	995	965	1127	1092
Zinc	ppm	ASTM D5185(m)	1180	1149	1287	1262
Sulfur	ppm	ASTM D5185(m)	2600	2491	2571	2521
Oxidation	Abs/.1mm	ASTM D7414*	>25	15.0	18.2	12.1
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	11.8	12.2	12.0



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0120759
Lab Number : 02633812
Unique Number : 5774965
Test Package : MOB 1

GFL Environmental - 747 - GMA - Solid Waste
 4 Chemin du Tremblay,
 Boucherville, QC
 CA J4B 6Z5
 Contact: Steve Voyer
 svoyer@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: