



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
419003
Component
Diesel Engine
Fluid
PETRO CANADA DURON SHP 10W30 (10 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		GFL0107374	GFL0107381	GFL0076628
Sample Date		Client Info		06 May 2024	10 Apr 2024	26 Apr 2023
Machine Age	hrs	Client Info		7607	7449	6139
Oil Age	hrs	Client Info		600	600	600
Filter Age	hrs	Client Info		600	600	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	3	11	10
Chromium	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	0	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	0
Aluminum	ppm	ASTM D5185(m)	>20	<1	2	2
Lead	ppm	ASTM D5185(m)	>40	0	0	<1
Copper	ppm	ASTM D5185(m)	>330	<1	3	3
Tin	ppm	ASTM D5185(m)	>15	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

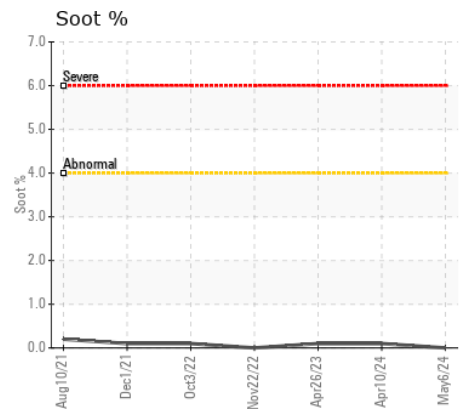
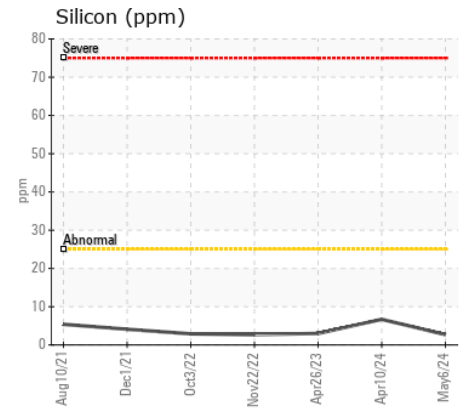
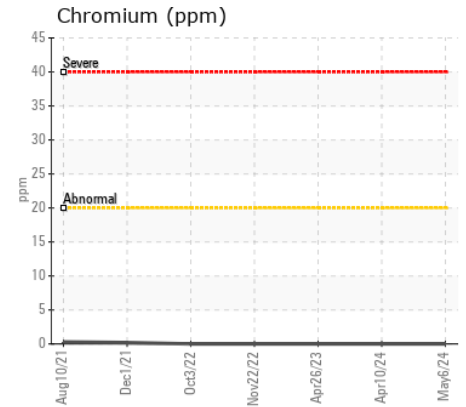
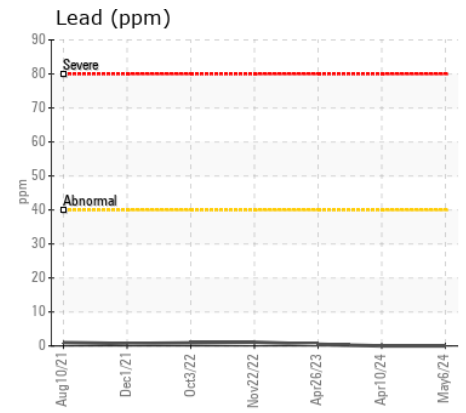
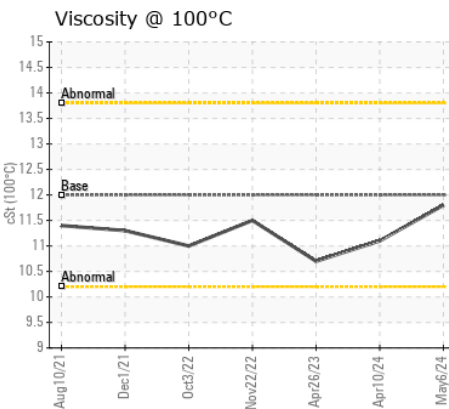
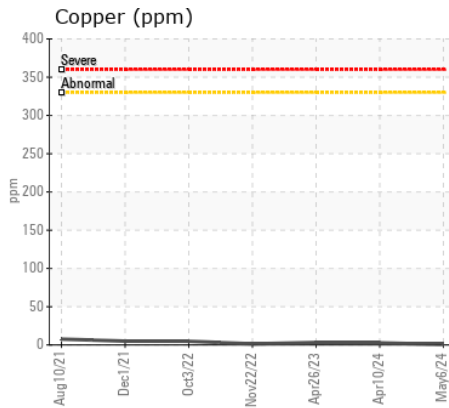
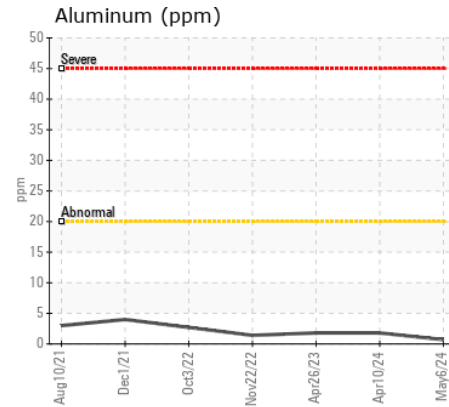
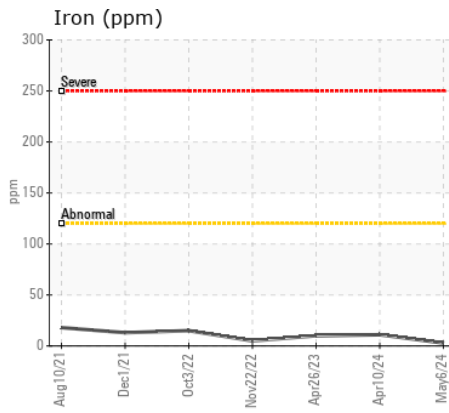
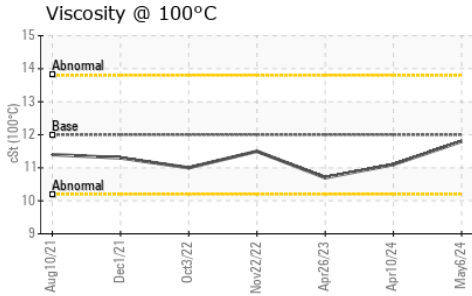
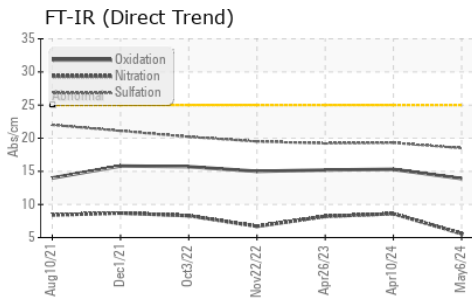
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	3	7	3
Potassium	ppm	ASTM D5185(m)	>20	2	2	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*	>4	0	0.1	0.1
Nitration	Abs/cm	ASTM D7624*	>20	5.6	8.6	8.2
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.5	19.3	19.2
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	3
Boron	ppm	ASTM D5185(m)	2	2	2	5
Barium	ppm	ASTM D5185(m)	0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	50	57	60	54
Manganese	ppm	ASTM D5185(m)	0	0	<1	<1
Magnesium	ppm	ASTM D5185(m)	950	949	982	973
Calcium	ppm	ASTM D5185(m)	1050	1059	1078	1110
Phosphorus	ppm	ASTM D5185(m)	995	1005	996	1080
Zinc	ppm	ASTM D5185(m)	1180	1158	1196	1215
Sulfur	ppm	ASTM D5185(m)	2600	2588	2456	2593
Oxidation	Abs/.1mm	ASTM D7414*	>25	13.9	15.3	15.2
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	11.8	11.1	10.7



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0107374
Lab Number : 02635240
Unique Number : 5776393
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: