



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
8333
Component
Diesel Engine
Fluid
PETRO CANADA DURON SHP 15W40 (--- GAL)

RECOMMENDATION

Aucune mesure corrective n'est recommandée pour l'instant.
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		GFL0107529	GFL0096435	GFL0079434
Sample Date		Client Info		15 Apr 2024	26 Oct 2023	01 May 2023
Machine Age	hrs	Client Info		16821	16451	15967
Oil Age	hrs	Client Info		0	0	400
Filter Age	hrs	Client Info		0	0	400
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)	>75	39	70	21
Chromium	ppm	ASTM D5185(m)	>5	2	2	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	0	0	<1
Silver	ppm	ASTM D5185(m)	>2	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>15	7	13	3
Lead	ppm	ASTM D5185(m)	>25	<1	3	<1
Copper	ppm	ASTM D5185(m)	>100	1	2	<1
Tin	ppm	ASTM D5185(m)	>4	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

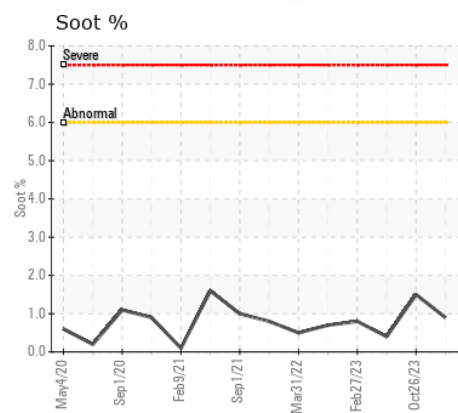
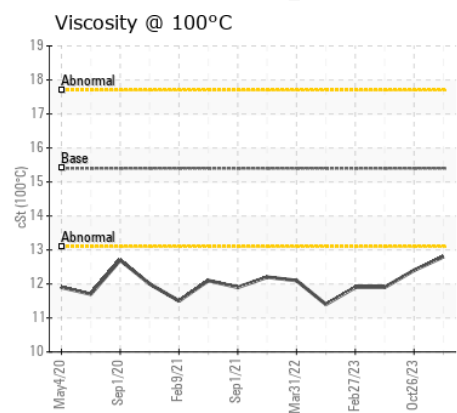
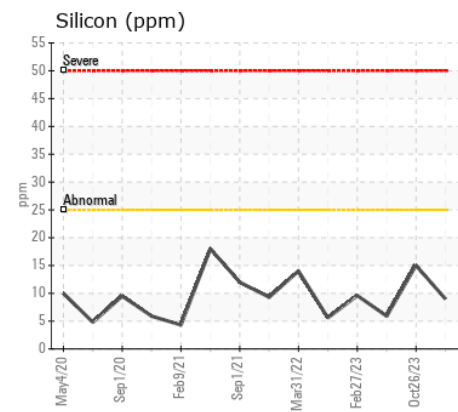
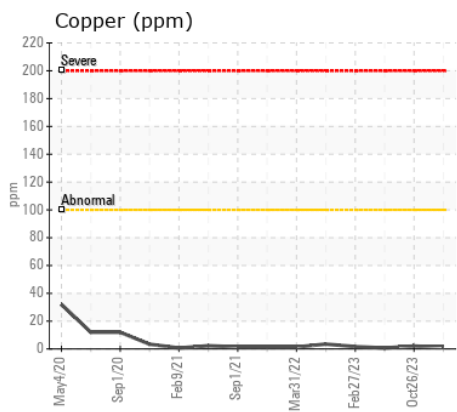
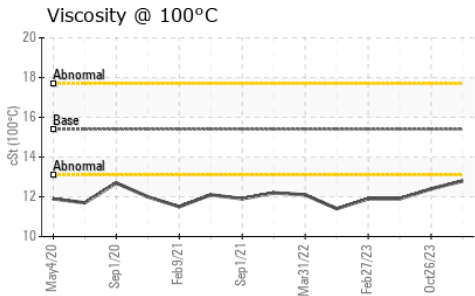
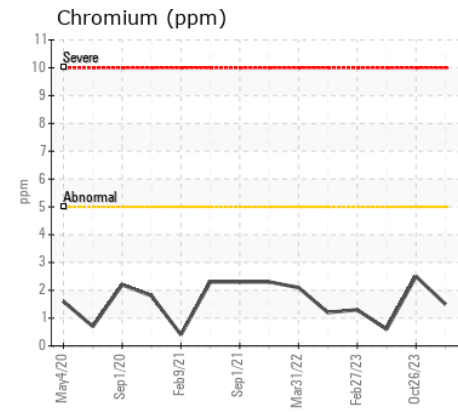
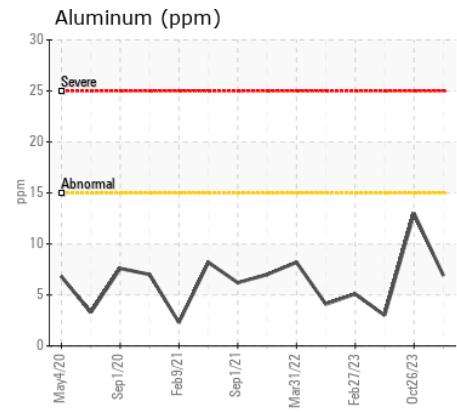
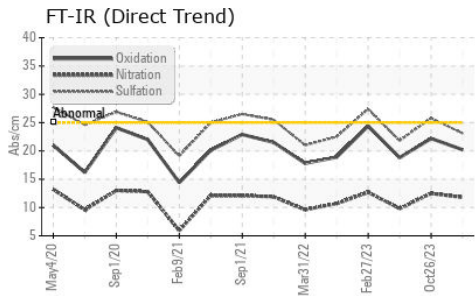
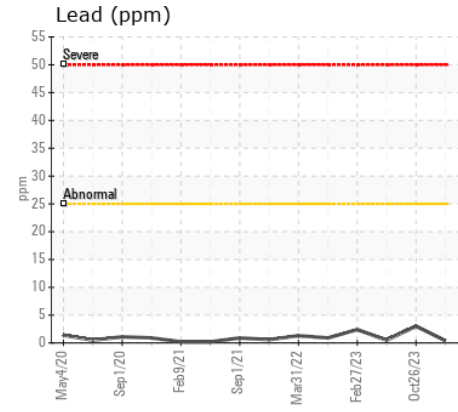
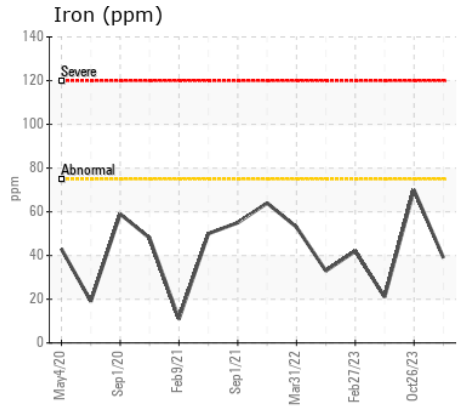
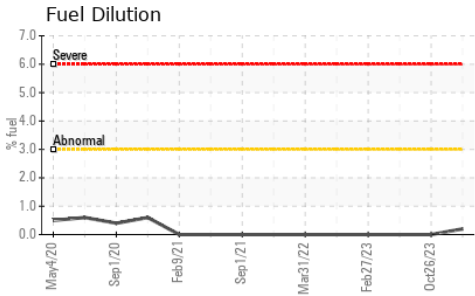
La teneur en carburant est négligeable. Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	9	15	6
Potassium	ppm	ASTM D5185(m)	>20	4	4	<1
Fuel	%	ASTM D7593*	>3.0	0.2	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>6	0.9	1.5	0.4
Nitration	Abs/cm	ASTM D7624*	>20	11.8	12.5	9.8
Sulfation	Abs/.1mm	ASTM D7415*	>30	23.1	25.8	21.8
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)		21	9	3
Boron	ppm	ASTM D5185(m)	0	6	2	3
Barium	ppm	ASTM D5185(m)	0	0	<1	0
Molybdenum	ppm	ASTM D5185(m)	60	62	77	61
Manganese	ppm	ASTM D5185(m)	0	<1	<1	<1
Magnesium	ppm	ASTM D5185(m)	1010	962	1229	992
Calcium	ppm	ASTM D5185(m)	1070	1211	1340	1191
Phosphorus	ppm	ASTM D5185(m)	1150	1001	1218	1116
Zinc	ppm	ASTM D5185(m)	1270	1216	1530	1237
Sulfur	ppm	ASTM D5185(m)	2060	2331	2782	2630
Oxidation	Abs/.1mm	ASTM D7414*	>25	20.2	22.2	18.8
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	12.8	12.4	11.9



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0107529
Lab Number : 02633400
Unique Number : 5774553
Test Package : MOB 1 (Additional Tests: FuelDilution, PercentFuel)

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.

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F: