



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
7146
 Component
Diesel Engine
 Fluid
PETRO CANADA DURON SHP 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		GFL0114847	GFL0097029	GFL0084459
Sample Date		Client Info		02 May 2024	17 Nov 2023	02 Jun 2023
Machine Age	hrs	Client Info		18758	18545	111189
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
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)	>65	15	17	9
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>3	0	0	0
Titanium	ppm	ASTM D5185(m)	>5	0	0	<1
Silver	ppm	ASTM D5185(m)	>2	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>35	8	7	5
Lead	ppm	ASTM D5185(m)	>10	0	0	0
Copper	ppm	ASTM D5185(m)	>180	4	5	2
Tin	ppm	ASTM D5185(m)	>8	0	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

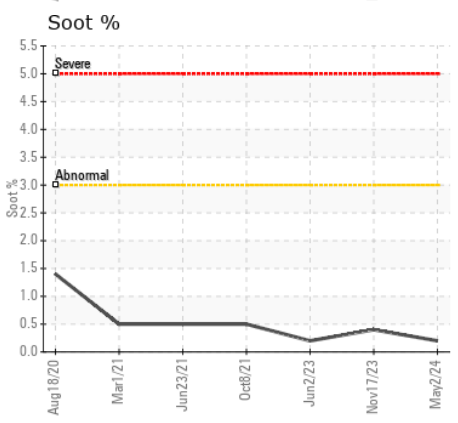
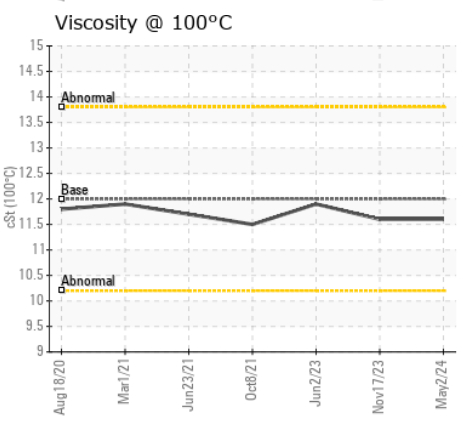
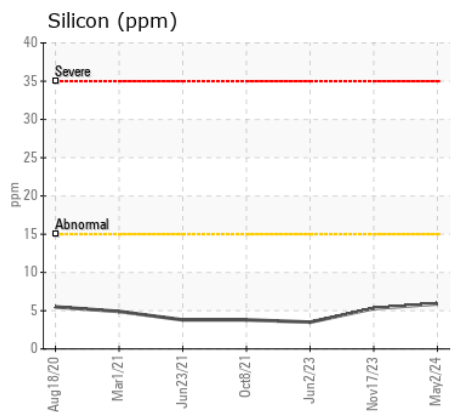
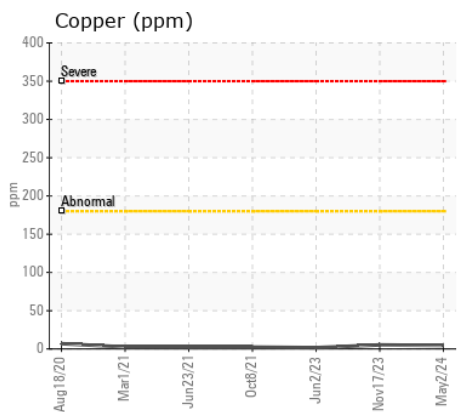
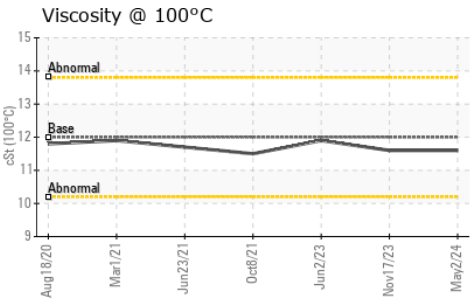
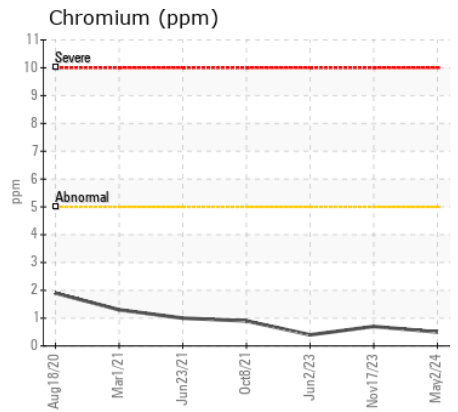
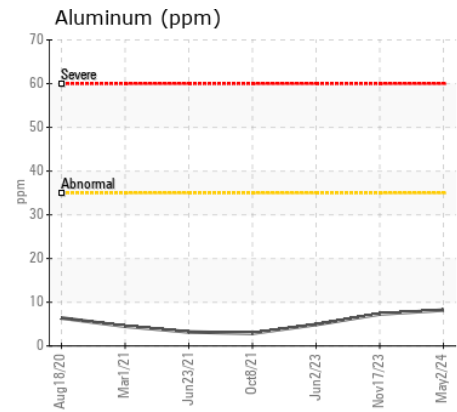
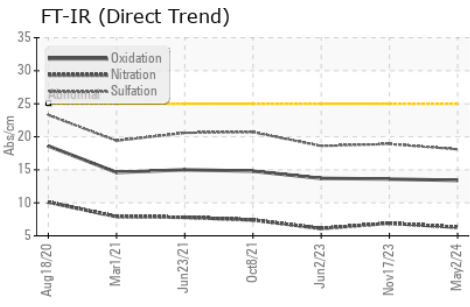
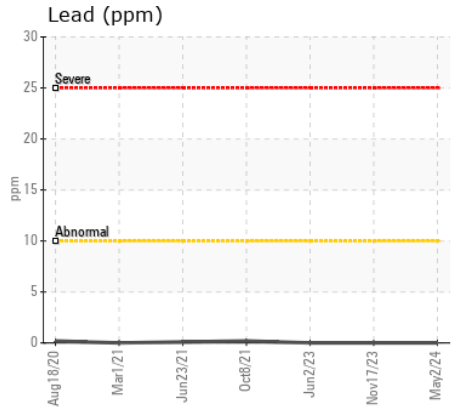
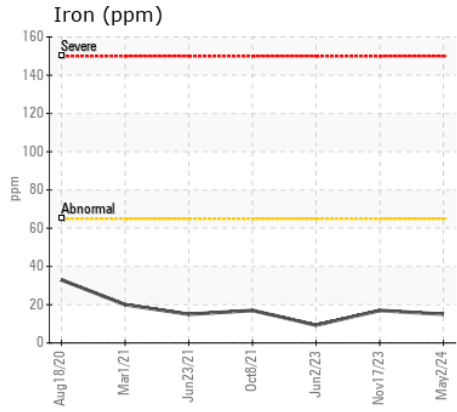
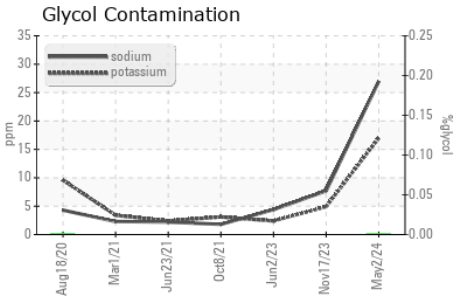
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>15	6	5	4
Potassium	ppm	ASTM D5185(m)	>20	17	5	2
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol	%	ASTM D7922*		0.0	NEG	NEG
Soot %	%	ASTM D7844*	>3	0.2	0.4	0.2
Nitration	Abs/cm	ASTM D7624*	>20	6.3	6.9	6.1
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.1	18.9	18.6
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)		27	8	4
Boron	ppm	ASTM D5185(m)	2	2	2	3
Barium	ppm	ASTM D5185(m)	0	0	<1	0
Molybdenum	ppm	ASTM D5185(m)	50	59	59	59
Manganese	ppm	ASTM D5185(m)	0	<1	0	<1
Magnesium	ppm	ASTM D5185(m)	950	955	922	960
Calcium	ppm	ASTM D5185(m)	1050	1064	1075	1106
Phosphorus	ppm	ASTM D5185(m)	995	991	954	1099
Zinc	ppm	ASTM D5185(m)	1180	1167	1160	1178
Sulfur	ppm	ASTM D5185(m)	2600	2536	2399	2641
Oxidation	Abs/.1mm	ASTM D7414*	>25	13.4	13.6	13.7
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	11.6	11.6	11.9



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0114847
Lab Number : 02633421
Unique Number : 5774574
Test Package : MOB 1 (Additional Tests: Glycol)

GFL Environmental - 780 - GMA - ICI - Solid Waste
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 Laval, QC
 CA H7P 4J3
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 T: (450)687-3838
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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.