



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
801247
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		GFL0111795	GFL0089042	GFL0089041
Sample Date		Client Info		03 May 2024	11 Jan 2024	20 Sep 2023
Machine Age	hrs	Client Info		9098	8498	8331
Oil Age	hrs	Client Info		0	600	600
Filter Age	hrs	Client Info		0	600	600
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>90	25	13	37
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	<1	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>20	5	4	8
Lead	ppm	ASTM D5185(m)	>40	0	<1	0
Copper	ppm	ASTM D5185(m)	>330	1	1	3
Tin	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

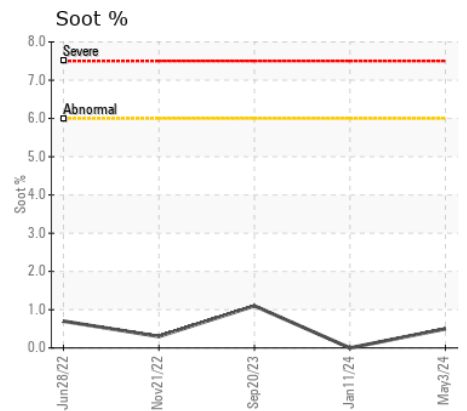
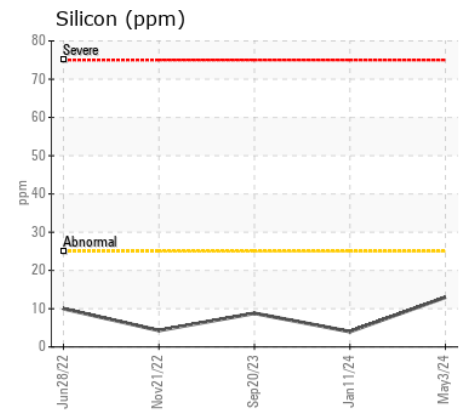
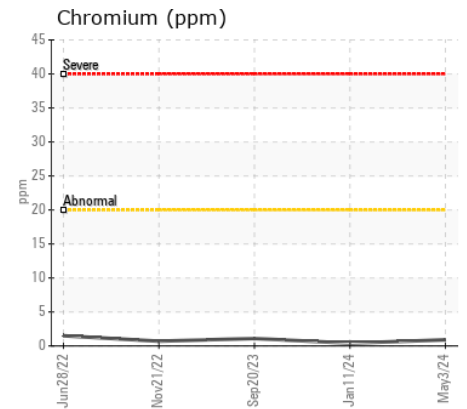
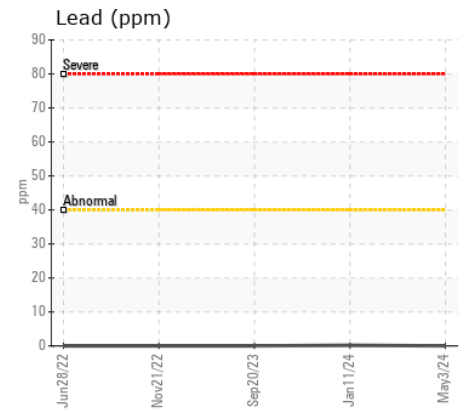
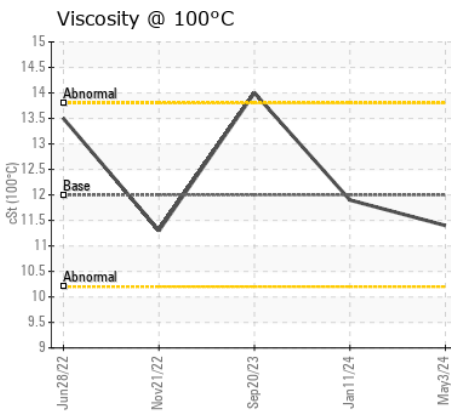
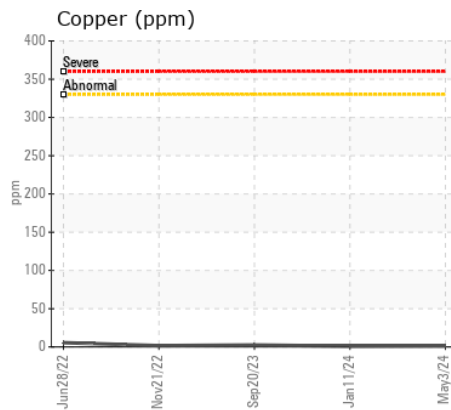
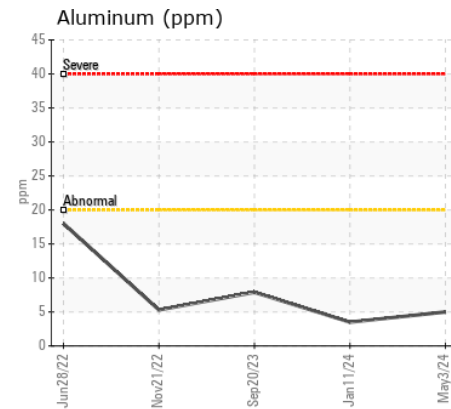
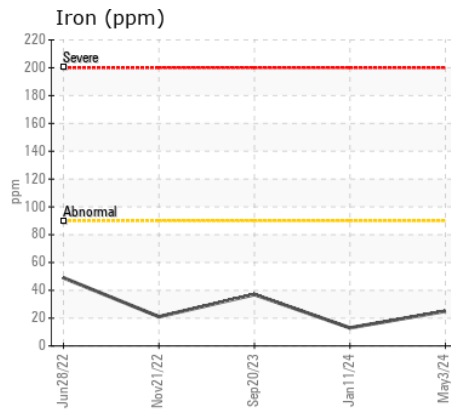
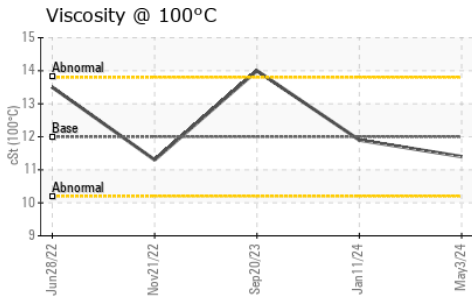
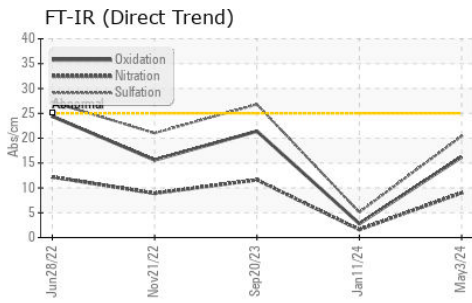
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	13	4	9
Potassium	ppm	ASTM D5185(m)	>20	2	1	7
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	0.0
Soot %	%	ASTM D7844*	>6	0.5	0	1.1
Nitration	Abs/cm	ASTM D7624*	>20	9.0	1.6	11.6
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.4	5.1	26.8
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)		2	4	7
Boron	ppm	ASTM D5185(m)	2	2	8	55
Barium	ppm	ASTM D5185(m)	0	0	0	<1
Molybdenum	ppm	ASTM D5185(m)	50	63	68	123
Manganese	ppm	ASTM D5185(m)	0	<1	0	<1
Magnesium	ppm	ASTM D5185(m)	950	981	925	706
Calcium	ppm	ASTM D5185(m)	1050	1122	1145	1557
Phosphorus	ppm	ASTM D5185(m)	995	1011	997	720
Zinc	ppm	ASTM D5185(m)	1180	1205	1126	911
Sulfur	ppm	ASTM D5185(m)	2600	2506	2654	2095
Oxidation	Abs/.1mm	ASTM D7414*	>25	16.2	2.8	21.4
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	11.4	11.9	▲ 14.0



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 769 - Drummondville CD**
Sample No. : GFL0111795 **Received** : 08 May 2024 1005 rue Rhea
Lab Number : 02634091 **Tested** : 08 May 2024 Drummondville, QC
Unique Number : 5775244 **Diagnosed** : 08 May 2024 - Wes Davis CA J2B 8A9
Test Package : MOB 1 **Contact**: Service Manager

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: