



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
801202
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		GFL0101676	GFL0089036	GFL0070520
Sample Date		Client Info		20 Oct 2023	11 Jul 2023	23 Jan 2023
Machine Age	hrs	Client Info		7344	6753	5880
Oil Age	hrs	Client Info		600	600	600
Filter Age	hrs	Client Info		600	600	600
Oil Changed		Client Info		Changed	Changed	N/A
Filter Changed		Client Info		Changed	Changed	N/A
Sample Status				NORMAL	NORMAL	ATTENTION

WEAR

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

Iron	ppm	ASTM D5185(m)	>80	23	20	17
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	0
Titanium	ppm	ASTM D5185(m)		0	<1	<1
Silver	ppm	ASTM D5185(m)	>3	0	0	0
Aluminum	ppm	ASTM D5185(m)	>30	4	3	3
Lead	ppm	ASTM D5185(m)	>30	0	0	<1
Copper	ppm	ASTM D5185(m)	>150	2	1	<1
Tin	ppm	ASTM D5185(m)	>5	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

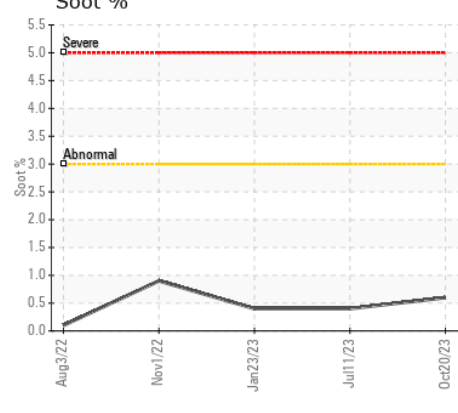
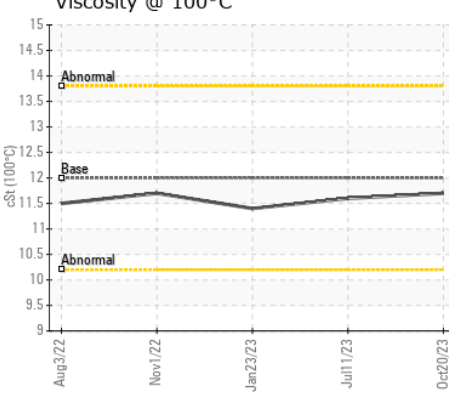
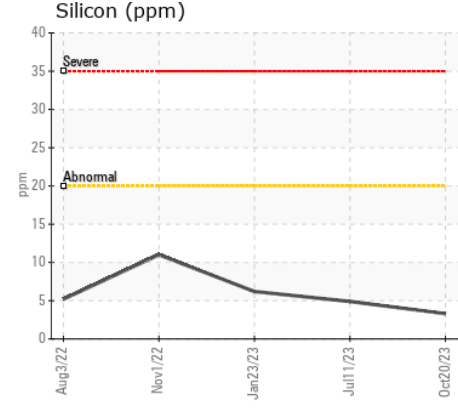
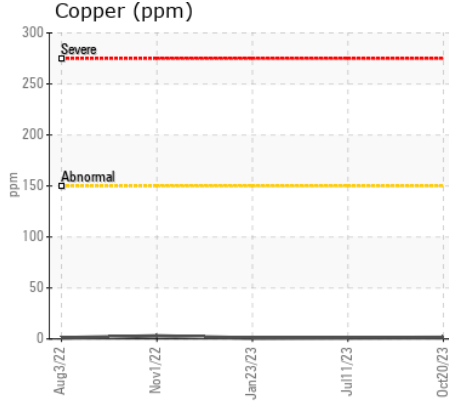
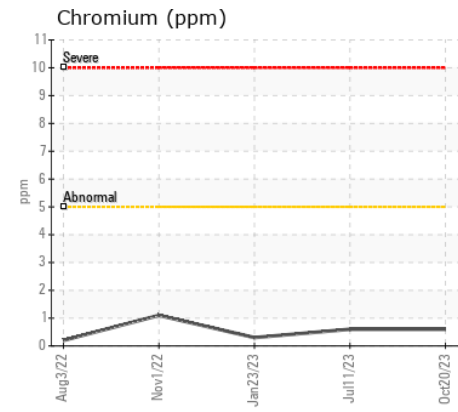
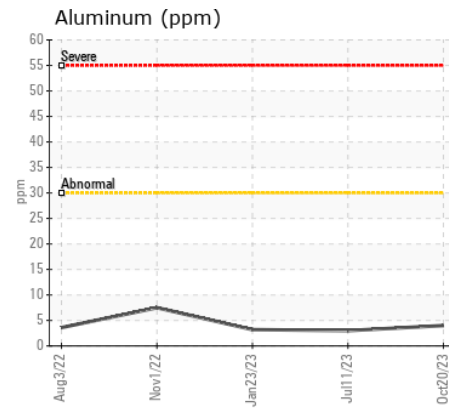
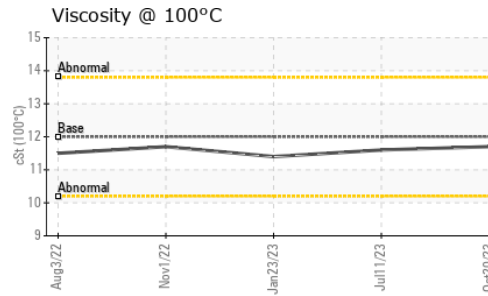
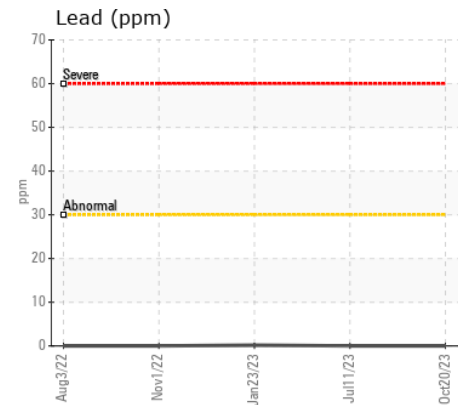
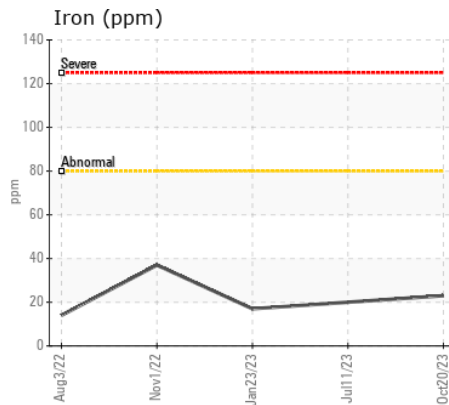
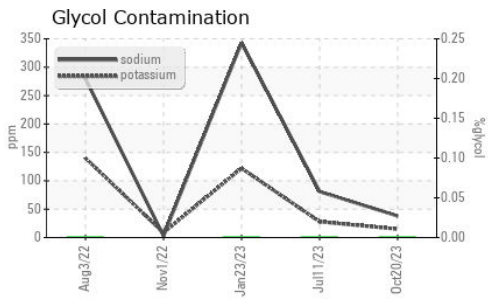
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>20	3	5	6
Potassium	ppm	ASTM D5185(m)	>20	15	28	122
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol	%	ASTM D7922*		0.0	0.0	0.0
Soot %	%	ASTM D7844*	>3	0.6	0.4	0.4
Nitration	Abs/cm	ASTM D7624*	>20	9.3	9.7	9.6
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.2	22.2	27.9
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)		38	81	▲ 343
Boron	ppm	ASTM D5185(m)	2	5	37	32
Barium	ppm	ASTM D5185(m)	0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	50	60	45	55
Manganese	ppm	ASTM D5185(m)	0	0	<1	<1
Magnesium	ppm	ASTM D5185(m)	950	949	685	498
Calcium	ppm	ASTM D5185(m)	1050	1192	1513	1711
Phosphorus	ppm	ASTM D5185(m)	995	1013	1035	1133
Zinc	ppm	ASTM D5185(m)	1180	1189	1139	1243
Sulfur	ppm	ASTM D5185(m)	2600	2561	2472	2871
Oxidation	Abs/.1mm	ASTM D7414*	>25	16.4	18.9	23.2
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	11.7	11.6	11.4



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 731 - Granby - Hauling - Solid Waste
Sample No. : GFL0101676 **Received** : 15 Jan 2024
Lab Number : 02608707 **Diagnosed** : 16 Jan 2024
Unique Number : 5709793 **Diagnostician** : Wes Davis
Test Package : MOB 1 (Additional Tests: Glycol)
 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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