



Machine Id
7233
Component
Diesel Engine
Fluid
PETRO CANADA DURON SHP 10W30 (--- GAL)

RECOMMENDATION

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. 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		GFL0119692	GFL0114831	GFL0088688
Sample Date		Client Info		21 May 2024	15 Mar 2024	10 Dec 2023
Machine Age	hrs	Client Info		16496	16121	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	N/A
Filter Changed		Client Info		Changed	Changed	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>120	3	6	12
Chromium	ppm	ASTM D5185(m)	>20	0	0	<1
Nickel	ppm	ASTM D5185(m)	>5	0	0	<1
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>20	1	2	3
Lead	ppm	ASTM D5185(m)	>40	0	0	1
Copper	ppm	ASTM D5185(m)	>330	<1	2	6
Tin	ppm	ASTM D5185(m)	>15	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

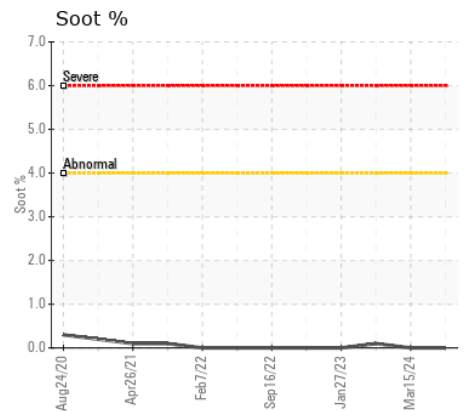
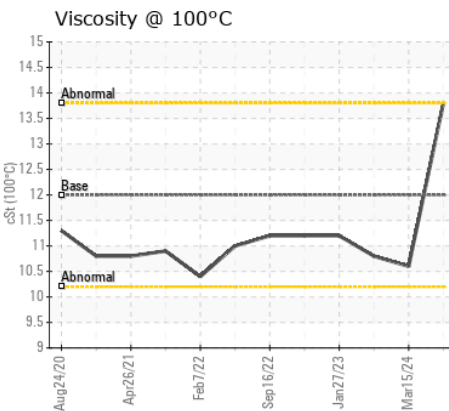
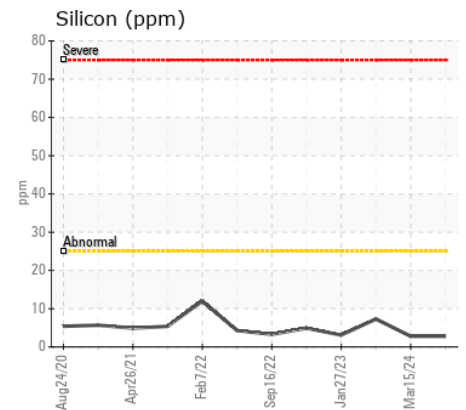
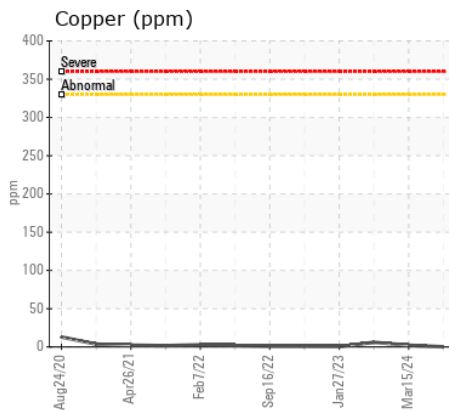
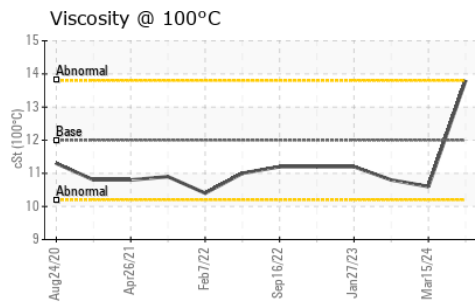
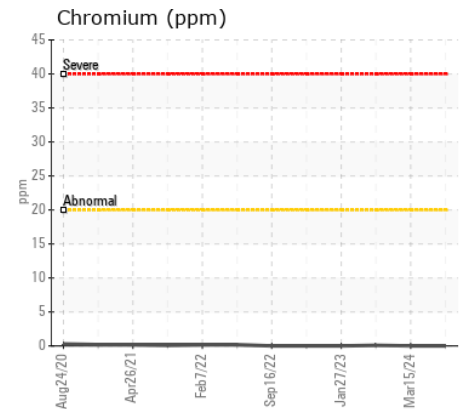
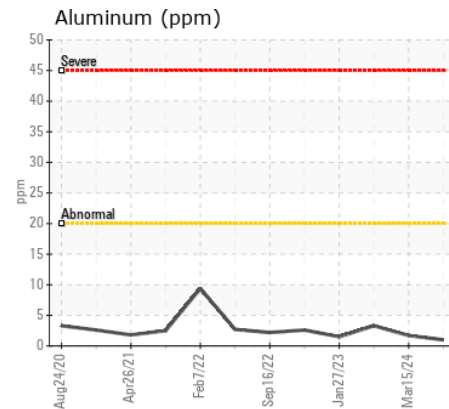
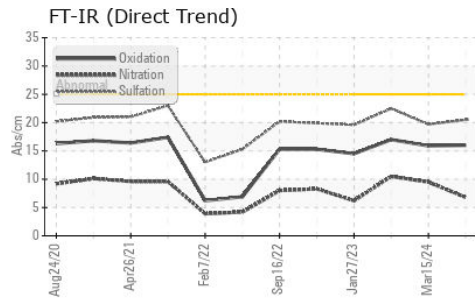
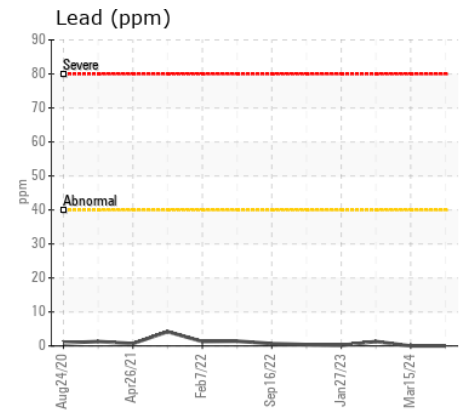
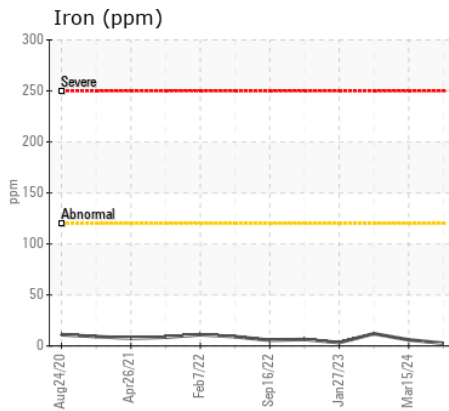
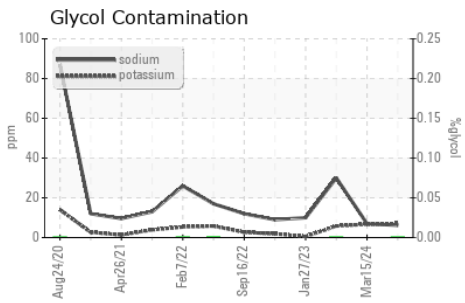
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	3	3	7
Potassium	ppm	ASTM D5185(m)	>20	7	7	6
Fuel		WC Method	>3.0	<1.0	<1.0	2.7
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol	%	ASTM D7922*		0.0	NEG	0.0
Soot %	%	ASTM D7844*	>4	0	0	0.1
Nitration	Abs/cm	ASTM D7624*	>20	6.8	9.5	10.5
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.5	19.7	22.5
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		6	7	30
Boron	ppm	ASTM D5185(m)	2	25	5	10
Barium	ppm	ASTM D5185(m)	0	<1	0	<1
Molybdenum	ppm	ASTM D5185(m)	50	47	58	47
Manganese	ppm	ASTM D5185(m)	0	0	0	0
Magnesium	ppm	ASTM D5185(m)	950	609	919	864
Calcium	ppm	ASTM D5185(m)	1050	1435	1071	1072
Phosphorus	ppm	ASTM D5185(m)	995	785	935	818
Zinc	ppm	ASTM D5185(m)	1180	921	1135	1058
Sulfur	ppm	ASTM D5185(m)	2600	2115	2452	2336
Oxidation	Abs/.1mm	ASTM D7414*	>25	16.0	15.9	17.0
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	13.8	10.6	▲ 10.8



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0119692 **Received** : 28 May 2024
Lab Number : 02637848 **Tested** : 29 May 2024
Unique Number : 5787010 **Diagnosed** : 30 May 2024 - Kevin Marson
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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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.