



Machine Id
733009
Component
Diesel Engine
Fluid
PETRO CANADA DURON SHP 15W40 (--- 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		GFL0025327	GFL0097128	---
Sample Date		Client Info		08 Apr 2024	15 Dec 2023	---
Machine Age	kms	Client Info		17221	12328	---
Oil Age	kms	Client Info		0	0	---
Filter Age	kms	Client Info		0	0	---
Oil Changed		Client Info		N/A	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Iron	ppm	ASTM D5185(m)	>120	13	44	---
Chromium	ppm	ASTM D5185(m)	>20	<1	2	---
Nickel	ppm	ASTM D5185(m)	>5	<1	2	---
Titanium	ppm	ASTM D5185(m)	>2	0	0	---
Silver	ppm	ASTM D5185(m)	>2	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>20	2	6	---
Lead	ppm	ASTM D5185(m)	>40	0	2	---
Copper	ppm	ASTM D5185(m)	>330	3	15	---
Tin	ppm	ASTM D5185(m)	>15	<1	1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

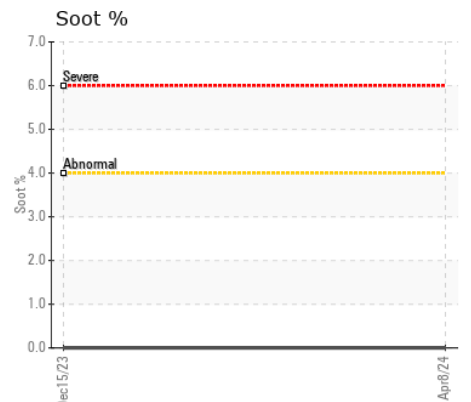
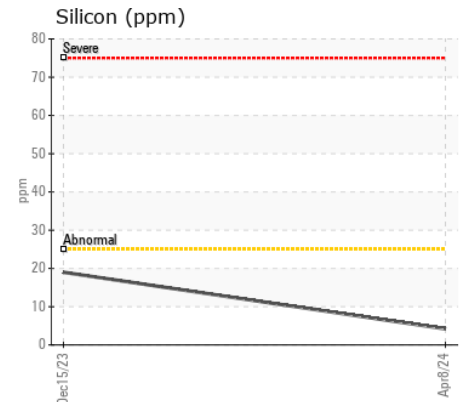
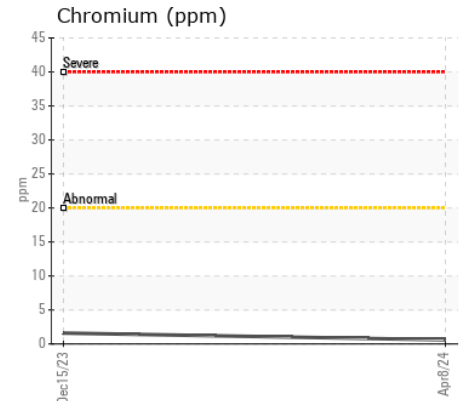
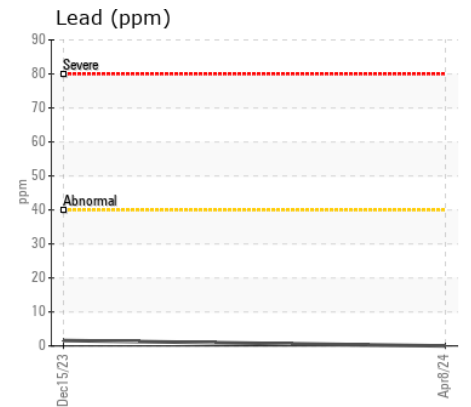
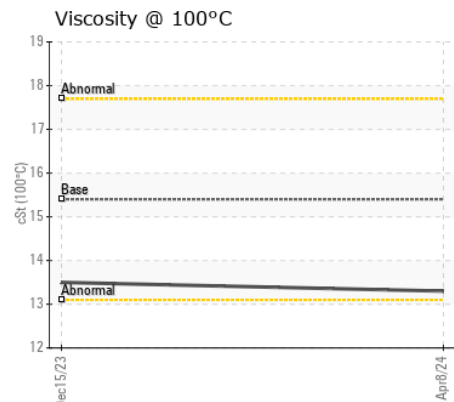
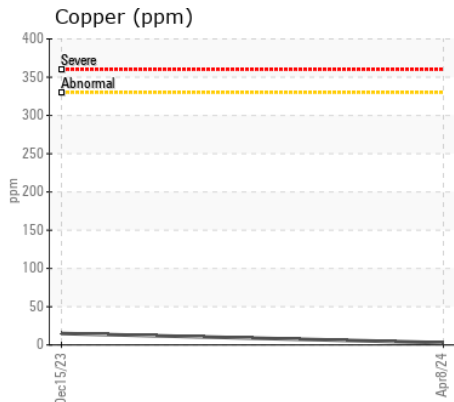
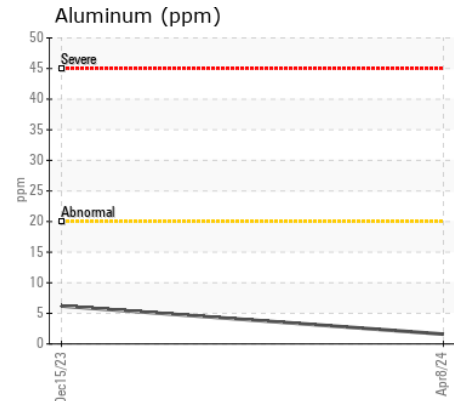
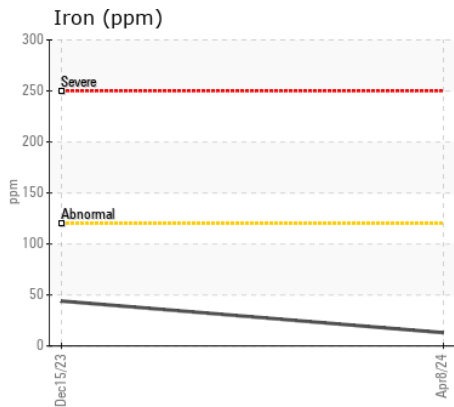
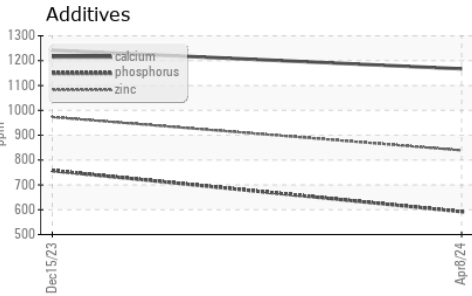
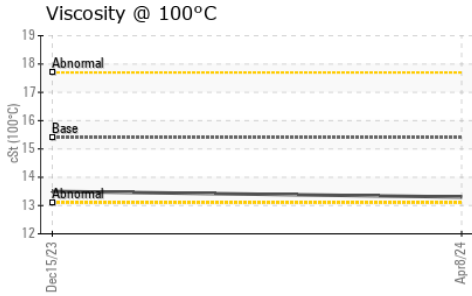
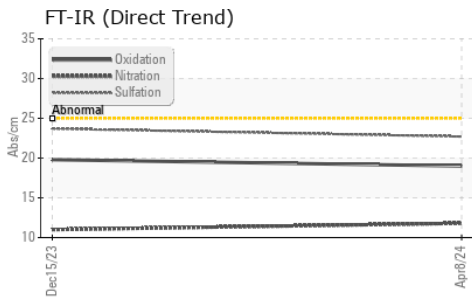
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	4	19	---
Potassium	ppm	ASTM D5185(m)	>20	<1	7	---
Fuel		WC Method	>3.0	<1.0	<1.0	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	ASTM D7844*	>4	0	0	---
Nitration	Abs/cm	ASTM D7624*	>20	11.8	11.0	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	22.7	23.7	---
Emulsified Water	scalar	Visual*	>0.2	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)		2	5	---
Boron	ppm	ASTM D5185(m)	0	9	6	---
Barium	ppm	ASTM D5185(m)	0	<1	3	---
Molybdenum	ppm	ASTM D5185(m)	60	55	59	---
Manganese	ppm	ASTM D5185(m)	0	1	11	---
Magnesium	ppm	ASTM D5185(m)	1010	734	870	---
Calcium	ppm	ASTM D5185(m)	1070	1167	1242	---
Phosphorus	ppm	ASTM D5185(m)	1150	592	757	---
Zinc	ppm	ASTM D5185(m)	1270	839	973	---
Sulfur	ppm	ASTM D5185(m)	2060	1875	2092	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	19.0	19.8	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	13.3	13.5	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0025327
Lab Number : 02630097
Unique Number : 5763229
Test Package : MOB 1

GFL Environmental - 780 - GMA - ICI - Solid Waste
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 Laval, QC
 CA H7P 4J3
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 pieces.laval@gflenv.com
 T: (450)687-3838
 F:

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.