



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
801233
Component
Natural Gas 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		PC0083986	GFL0010705	---
Sample Date		Client Info		12 Feb 2024	28 Jul 2020	---
Machine Age	kms	Client Info		245771	0	---
Oil Age	kms	Client Info		0	0	---
Filter Age	kms	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	ABNORMAL	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>50	26	28	---
Chromium	ppm	ASTM D5185(m)	>4	1	▲ 5	---
Nickel	ppm	ASTM D5185(m)	>2	1	<1	---
Titanium	ppm	ASTM D5185(m)		0	<1	---
Silver	ppm	ASTM D5185(m)	>3	0	0	---
Aluminum	ppm	ASTM D5185(m)	>9	10	22	---
Lead	ppm	ASTM D5185(m)	>30	1	2	---
Copper	ppm	ASTM D5185(m)	>35	3	4	---
Tin	ppm	ASTM D5185(m)	>4	1	1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

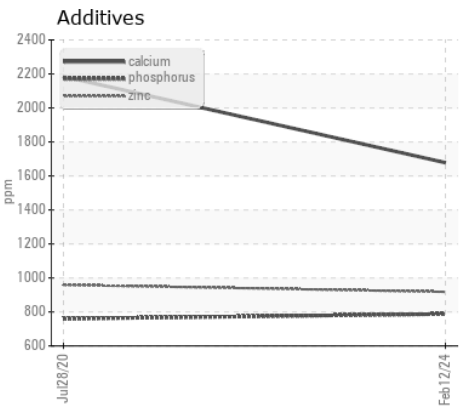
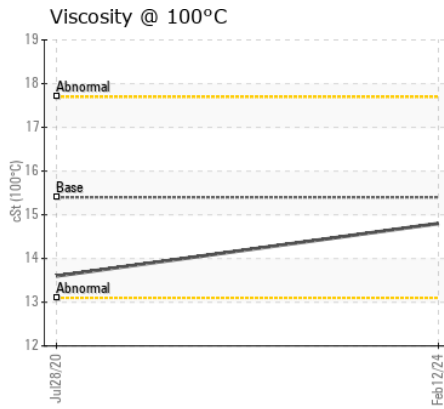
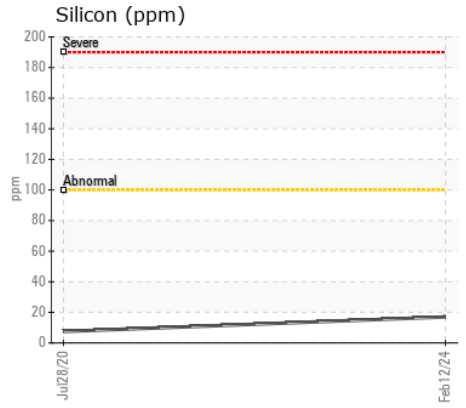
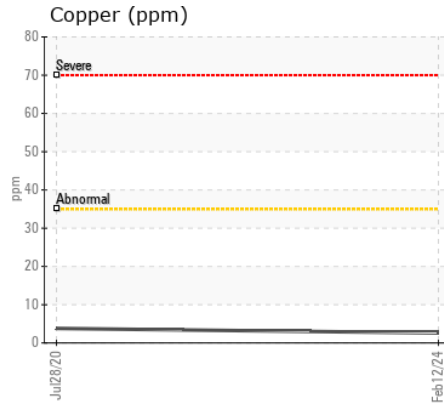
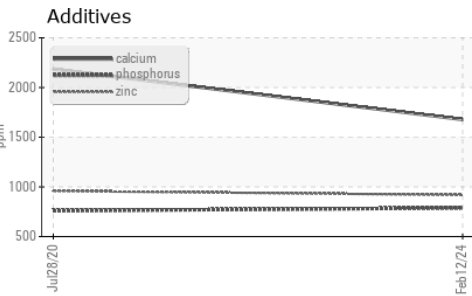
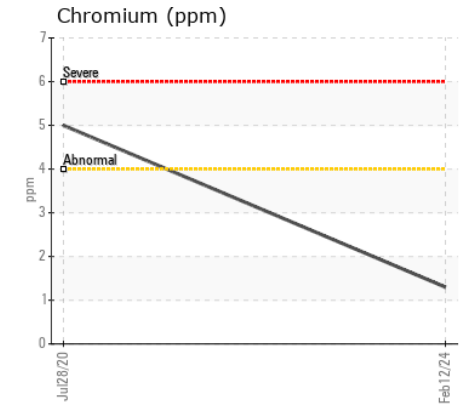
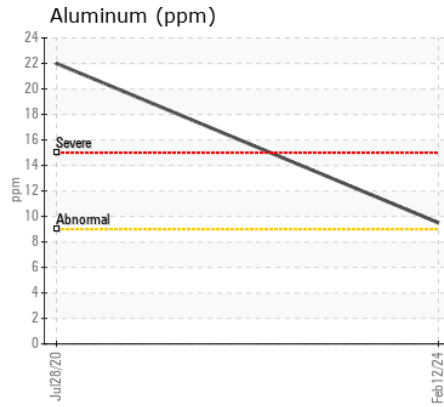
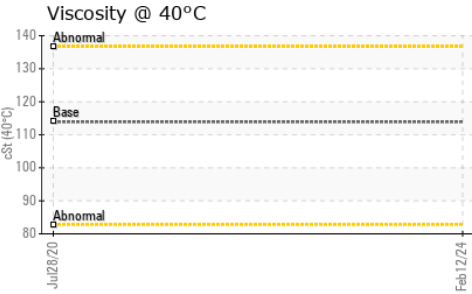
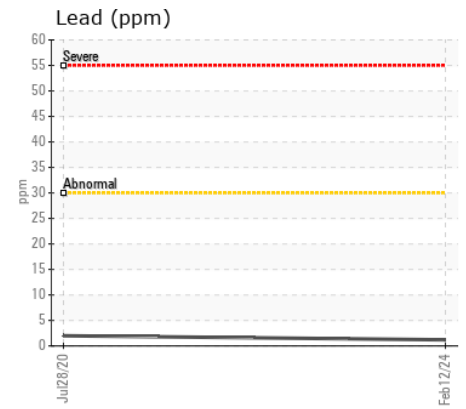
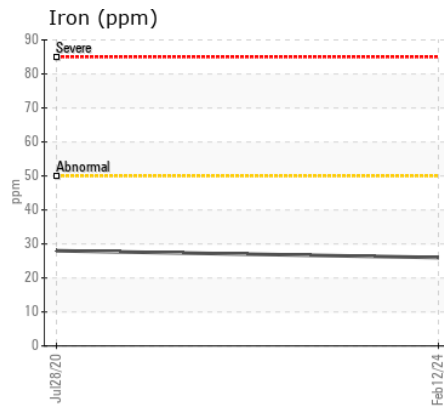
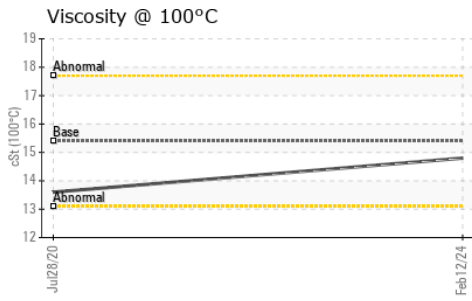
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>+100	17	8	---
Potassium	ppm	ASTM D5185(m)	>20	3	2	---
Water		WC Method	>0.1	NEG	NEG	---
Soot %	%	ASTM D7844*		0	0	---
Nitration	Abs/cm	ASTM D7624*	>20	11.1	7.7	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	25.6	24.1	---
Emulsified Water	scalar	Visual*	>0.1	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)		5	8	---
Boron	ppm	ASTM D5185(m)	0	9	5	---
Barium	ppm	ASTM D5185(m)	0	0	0	---
Molybdenum	ppm	ASTM D5185(m)	60	71	122	---
Manganese	ppm	ASTM D5185(m)	0	4	1	---
Magnesium	ppm	ASTM D5185(m)	1010	555	146	---
Calcium	ppm	ASTM D5185(m)	1070	1678	2185	---
Phosphorus	ppm	ASTM D5185(m)	1150	788	760	---
Zinc	ppm	ASTM D5185(m)	1270	918	959	---
Sulfur	ppm	ASTM D5185(m)	2060	2223	2116	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	19.3	14.6	---
Visc @ 40°C	cSt	ASTM D7279(m)	113.9	117	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	14.8	13.6	---
Viscosity Index (VI)	Scale	ASTM D2270*	142	129	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0083986 **Received** : 08 Mar 2024
Lab Number : 02620759 **Tested** : 08 Mar 2024
Unique Number : 5737869 **Diagnosed** : 08 Mar 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: KV40, VI)

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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.