



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
901129
Component
Diesel Engine
Fluid
PETRO CANADA DURON SAE 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		PC0088547	PC0083795	PC0078007
Sample Date		Client Info		18 Jun 2024	27 Feb 2024	12 Sep 2023
Machine Age	kms	Client Info		257594	247162	235652
Oil Age	kms	Client Info		239102	0	0
Filter Age	kms	Client Info		239102	0	0
Oil Changed		Client Info		Changed	N/A	Changed
Filter Changed		Client Info		Changed	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>120	10	10	4
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	0
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>2	<1	<1	<1
Aluminum	ppm	ASTM D5185(m)	>20	3	4	<1
Lead	ppm	ASTM D5185(m)	>40	0	<1	0
Copper	ppm	ASTM D5185(m)	>330	2	1	1
Tin	ppm	ASTM D5185(m)	>15	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

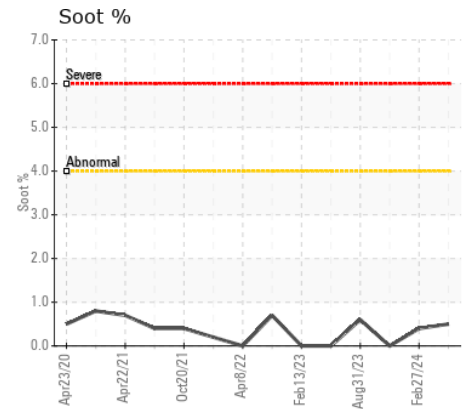
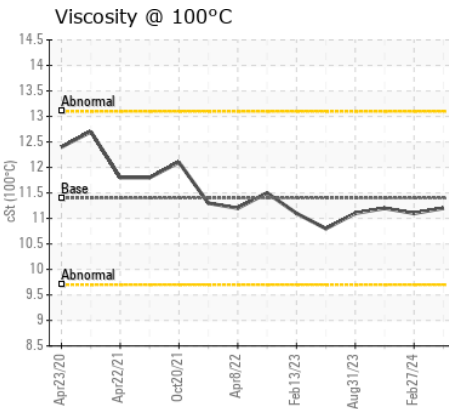
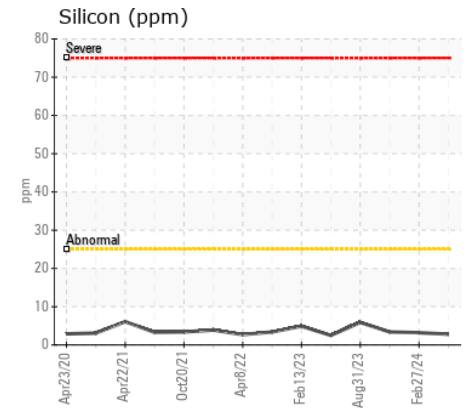
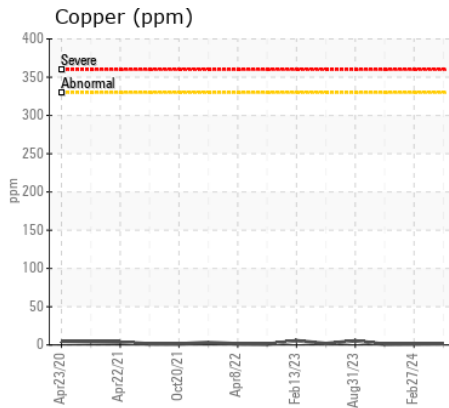
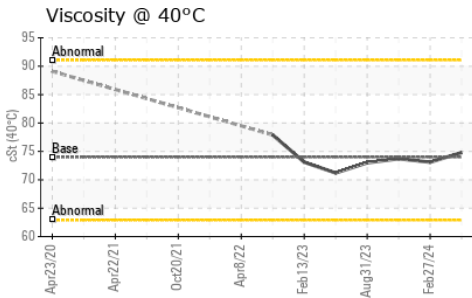
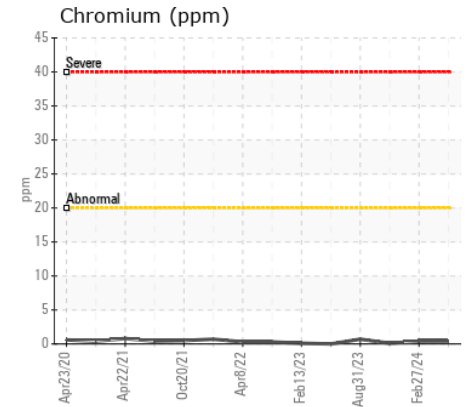
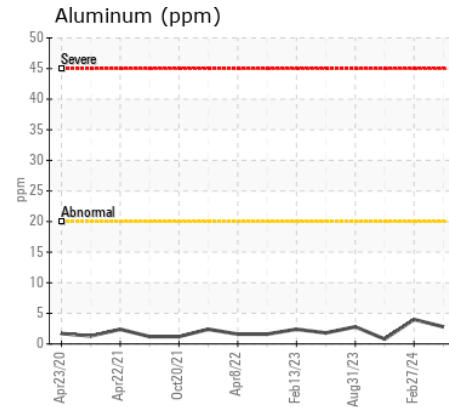
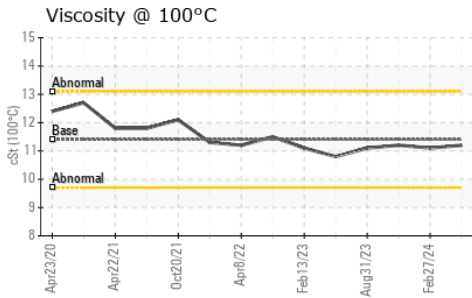
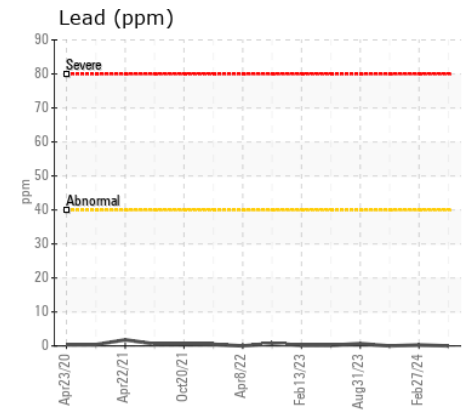
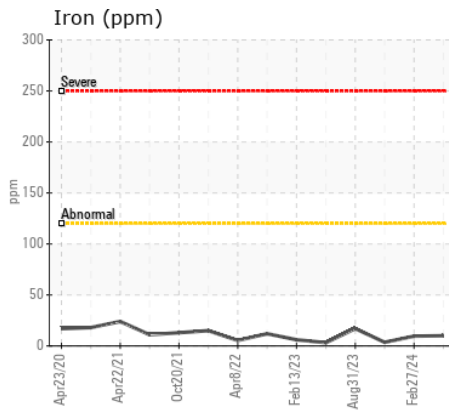
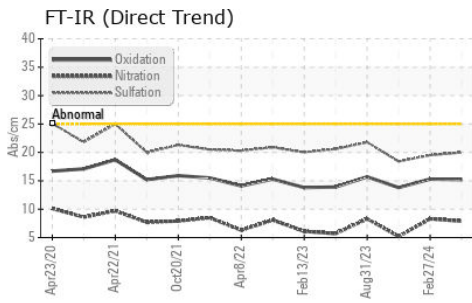
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	3	3	3
Potassium	ppm	ASTM D5185(m)	>20	<1	2	0
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>4	0.5	0.4	0
Nitration	Abs/cm	ASTM D7624*	>20	7.9	8.3	5.2
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.0	19.5	18.4
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)		7	6	5
Boron	ppm	ASTM D5185(m)	1	7	4	6
Barium	ppm	ASTM D5185(m)	1	0	0	0
Molybdenum	ppm	ASTM D5185(m)	1	58	60	57
Manganese	ppm	ASTM D5185(m)	1	<1	0	<1
Magnesium	ppm	ASTM D5185(m)	10	900	947	927
Calcium	ppm	ASTM D5185(m)	2942	1017	1049	1021
Phosphorus	ppm	ASTM D5185(m)	1102	913	985	1037
Zinc	ppm	ASTM D5185(m)	1351	1128	1150	1140
Sulfur	ppm	ASTM D5185(m)	3903	2321	2561	2557
Oxidation	Abs/.1mm	ASTM D7414*	>25	15.2	15.3	13.8
Visc @ 40°C	cSt	ASTM D7279(m)	74.0	74.8	73.1	73.7
Visc @ 100°C	cSt	ASTM D7279(m)	11.4	11.2	11.1	11.2
Viscosity Index (VI)	Scale	ASTM D2270*	146	140	142	143



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088547
Lab Number : 02645172
Unique Number : 5802711
Test Package : MOB 1 (Additional Tests: KV40, VI)

GFL Environmental - 742 - Quebec City Solid Waste
 5160 Jean-Talon Pierre-Bertrand Bou
 Quebec City, QC
 CA G2J 1B7
 Contact: Jean Audet
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 T: (418)624-0080
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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.