

Machine Id
INTERNATIONAL 368
Component
Diesel Engine
Fluid
PETRO CANADA DURON SHP 10W30 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier le système d'injection de carburant. Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0082322	PC0075404	---
Sample Date		Client Info		22 Feb 2024	19 Jun 2023	---
Machine Age	kms	Client Info		419926	400749	---
Oil Age	kms	Client Info		19177	0	---
Filter Age	kms	Client Info		19177	0	---
Oil Changed		Client Info		Not Changed	Changed	---
Filter Changed		Client Info		Not Changed	Changed	---
Sample Status				SEVERE	NORMAL	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	29	23	---
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>4	0	0	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)	>3	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>20	3	2	---
Lead	ppm	ASTM D5185(m)	>40	<1	1	---
Copper	ppm	ASTM D5185(m)	>330	3	4	---
Tin	ppm	ASTM D5185(m)	>15	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	VLITE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

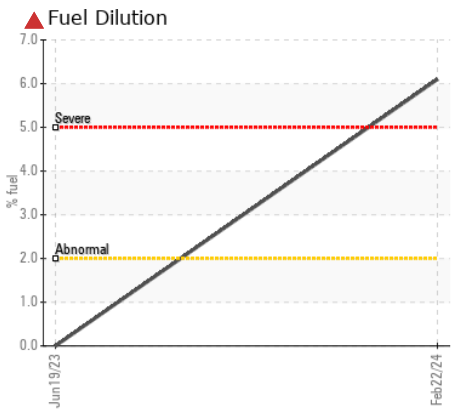
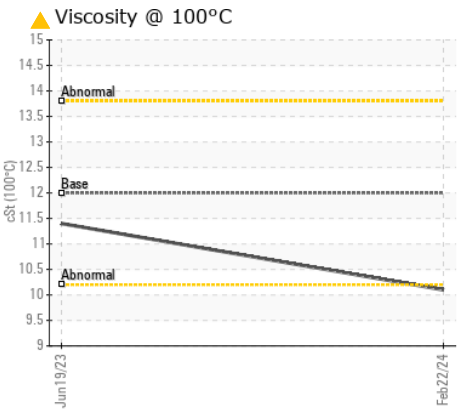
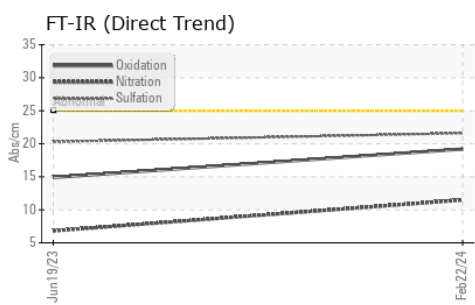
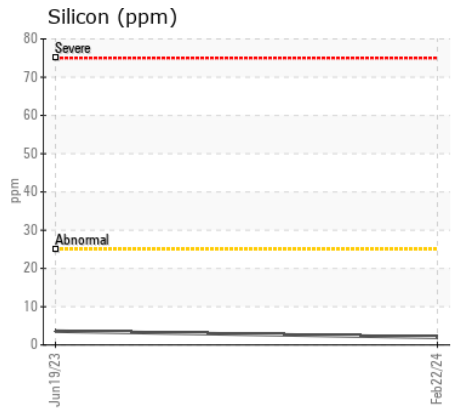
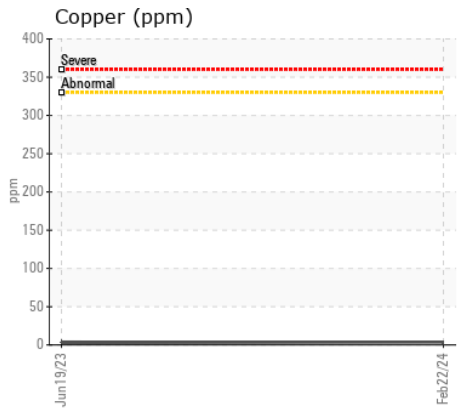
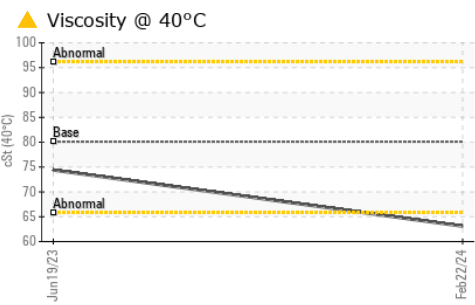
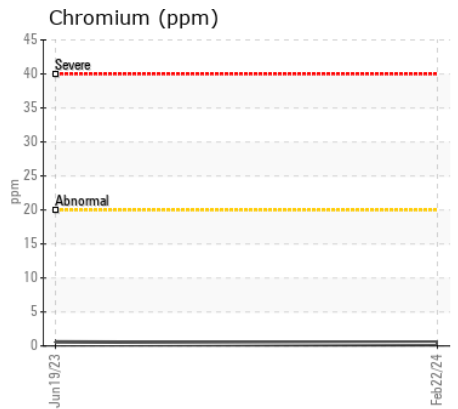
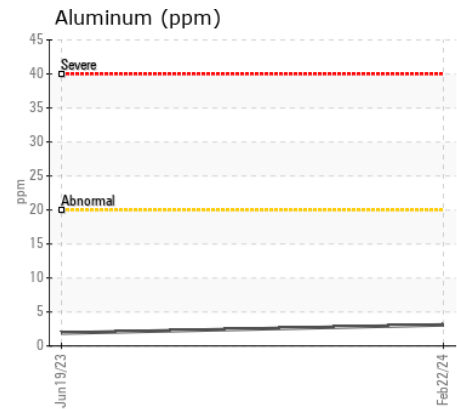
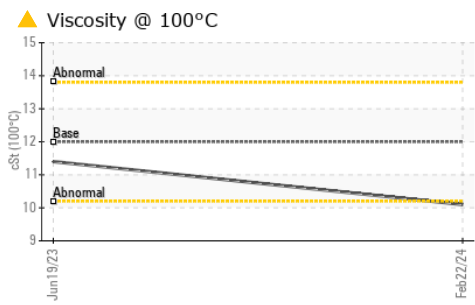
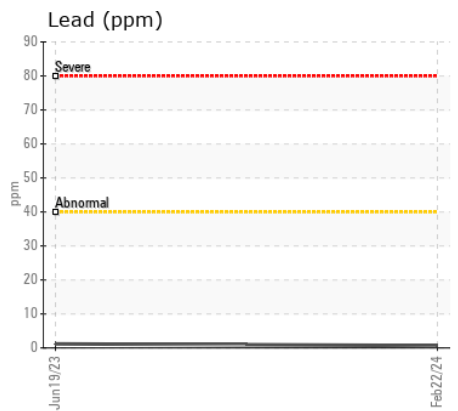
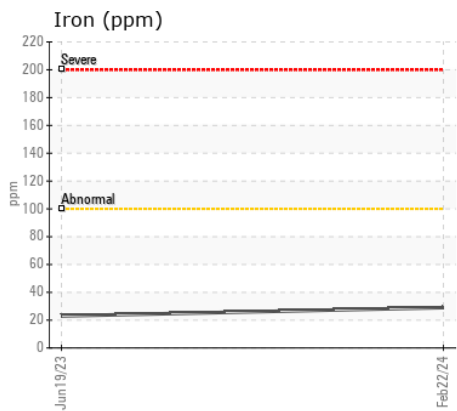
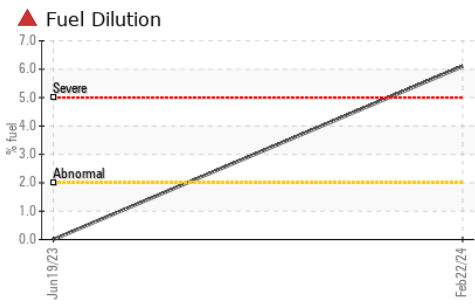
Quantité élevée de carburant dans l'huile. Les tests confirment la présence de carburant dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	2	4	---
Potassium	ppm	ASTM D5185(m)	>20	2	3	---
Fuel	%	ASTM D7593*	>2.0	▲ 6.1	<1.0	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	ASTM D7844*	>3	0.4	0.1	---
Nitration	Abs/cm	ASTM D7624*	>20	11.5	6.8	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.6	20.3	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	VLITE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	---

FLUID CONDITION

Il y a du carburant dans l'huile, ce qui réduit la viscosité. L'huile ne peut plus être utilisée en raison de la présence de contaminants.

Sodium	ppm	ASTM D5185(m)		2	2	---
Boron	ppm	ASTM D5185(m)	2	3	20	---
Barium	ppm	ASTM D5185(m)	0	0	0	---
Molybdenum	ppm	ASTM D5185(m)	50	55	53	---
Manganese	ppm	ASTM D5185(m)	0	0	<1	---
Magnesium	ppm	ASTM D5185(m)	950	858	828	---
Calcium	ppm	ASTM D5185(m)	1050	1054	1172	---
Phosphorus	ppm	ASTM D5185(m)	995	928	1027	---
Zinc	ppm	ASTM D5185(m)	1180	1133	1142	---
Sulfur	ppm	ASTM D5185(m)	2600	2327	2634	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	19.2	14.9	---
Visc @ 40°C	cSt	ASTM D7279(m)	80.1	▲ 63.1	74.4	---
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	▲ 10.1	11.4	---
Viscosity Index (VI)	Scale	ASTM D2270*	144	146	145	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0082322 **Received** : 08 Apr 2024
Lab Number : 02627176 **Tested** : 10 Apr 2024
Unique Number : 5760308 **Diagnosed** : 10 Apr 2024 - Wes Davis
Test Package : MOB 1 (Additional Tests: FuelDilution, KV40, PercentFuel, VI, Visual)

Transport Dynapro
 10808 Cantin
 Montreal Nord, QC
 CA H1G 6P7
 Contact: Pascal Perron
 pascal.dynapro@gmail.com
 T: (514)255-7930
 F: (514)255-7903

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.