



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id

445

Component

Transmission

Fluid

PETRO CANADA DURON UHP 5W30 (--- GAL)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. (Customer Sample Comment: Oil Duron SHP 10w30)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0933430	WC0846898	---
Sample Date		Client Info		12 Apr 2024	06 Oct 2023	---
Machine Age	kms	Client Info		458302	426031	---
Oil Age	kms	Client Info		32271	31088	---
Filter Age	kms	Client Info		32271	31088	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

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

PQ	UOM	Method	Limit/Abn	Current	History1	History2
Iron	ppm	ASTM D5185(m)	>200	24	27	---
Chromium	ppm	ASTM D5185(m)	>10	2	2	---
Nickel	ppm	ASTM D5185(m)		0	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		0	<1	---
Aluminum	ppm	ASTM D5185(m)	>50	11	11	---
Lead	ppm	ASTM D5185(m)	>50	0	<1	---
Copper	ppm	ASTM D5185(m)	>200	3	4	---
Tin	ppm	ASTM D5185(m)	>10	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

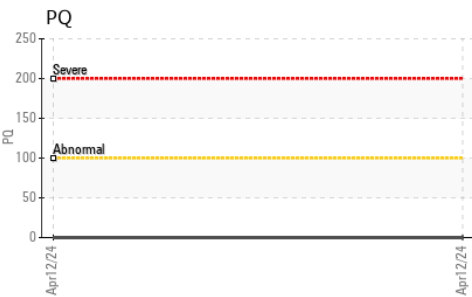
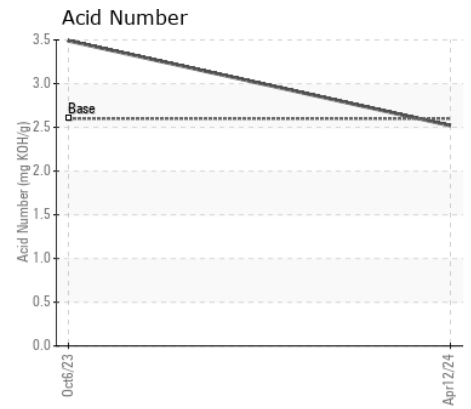
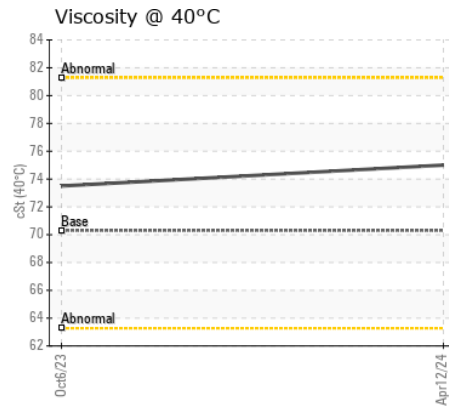
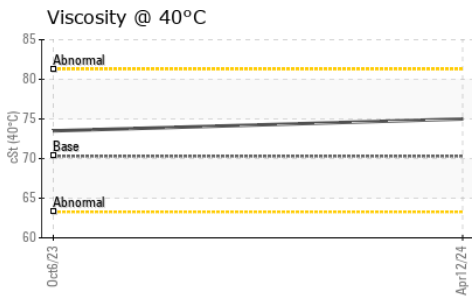
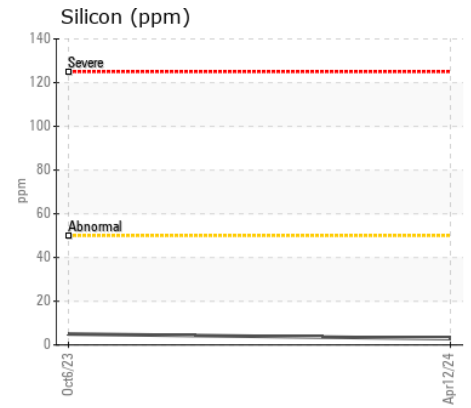
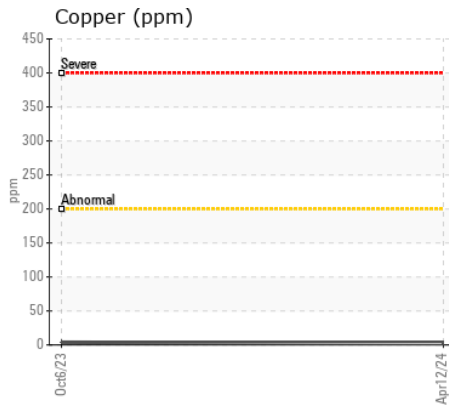
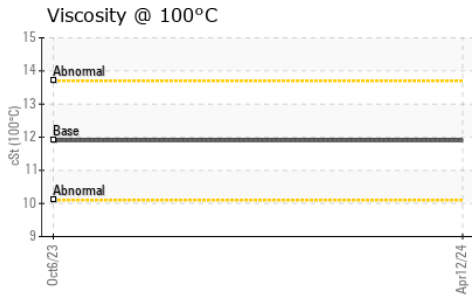
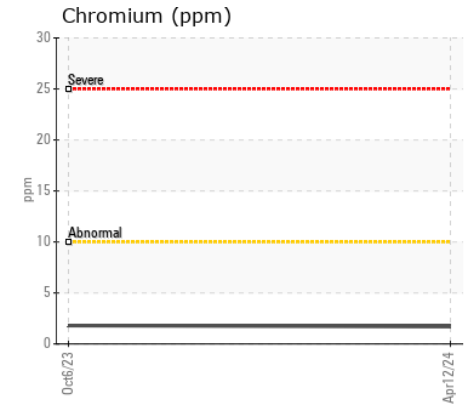
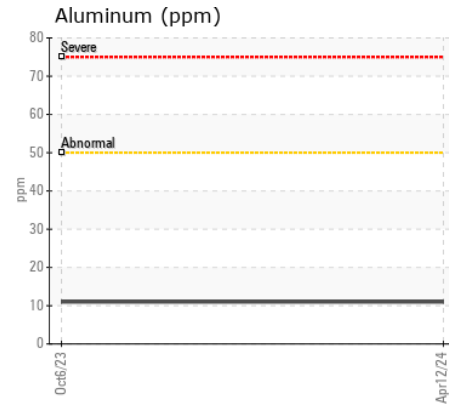
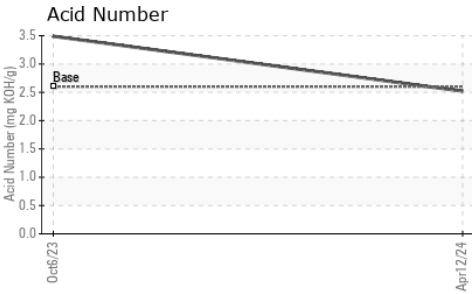
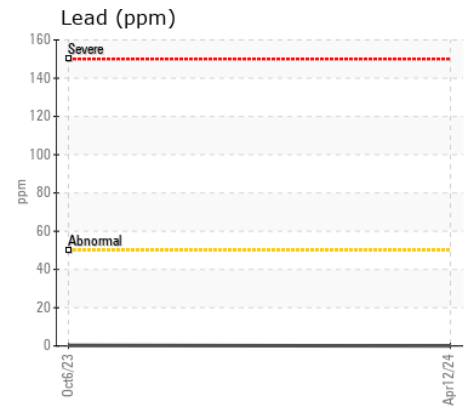
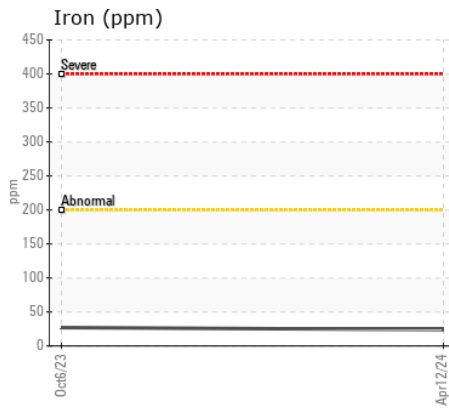
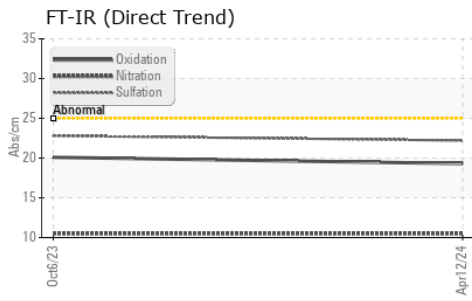
Il n'y a aucun indice de contamination dans le fluide.

Silicon	ppm	ASTM D5185(m)	>50	3	5	---
Potassium	ppm	ASTM D5185(m)	>20	2	3	---
Water		WC Method	>0.1	NEG	NEG	---
Soot %	%	ASTM D7844*		0.4	0.5	---
Nitration	Abs/cm	ASTM D7624*		10.5	10.5	---
Sulfation	Abs/.1mm	ASTM D7415*		22.2	22.8	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	---

FLUID CONDITION

Le AN est acceptable pour ce fluide. L'état de le fluide permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)		4	6	---
Boron	ppm	ASTM D5185(m)	0	11	15	---
Barium	ppm	ASTM D5185(m)	0	0	0	---
Molybdenum	ppm	ASTM D5185(m)	64	61	63	---
Manganese	ppm	ASTM D5185(m)	0	<1	0	---
Magnesium	ppm	ASTM D5185(m)	1160	1039	1151	---
Calcium	ppm	ASTM D5185(m)	820	967	910	---
Phosphorus	ppm	ASTM D5185(m)	1160	980	1034	---
Zinc	ppm	ASTM D5185(m)	1260	1197	1276	---
Sulfur	ppm	ASTM D5185(m)	3000	2462	2680	---
Oxidation	Abs/.1mm	ASTM D7414*		19.3	20.1	---
Acid Number (AN)	mg KOH/g	ASTM D974*	2.6	2.52	3.49	---
Visc @ 40°C	cSt	ASTM D7279(m)	70.3	75.0	73.5	---
Visc @ 100°C	cSt	ASTM D7279(m)	11.9	11.9	11.9	---
Viscosity Index (VI)	Scale	ASTM D2270*	161	154	157	---



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0933430 **Received** : 02 May 2024
Lab Number : 02632701 **Tested** : 03 May 2024
Unique Number : 5773854 **Diagnosed** : 03 May 2024 - Kevin Marson
Test Package : MOB 2 (Additional Tests: FT-IR, KV100, PQ, TAN Man, VI)

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.

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