



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	ANORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

INTERNATIONAL 52936

Composant

Moteur au propane

Fluide

PETRO CANADA DURON SHP 10W30 (--- LTR)

RECOMMENDATION

Check for low coolant level. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0836010	WC0812999	---
Date d'échant.		Client Info		19 Jul 2023	28 Apr 2023	---
Âge d la Machine	mls	Client Info		68882	34552	---
Âge de l'huile	mls	Client Info		34330	34552	---
Âge du filtre	mls	Client Info		0	34552	---
Huile changée		Client Info		Changed	Changed	---
Filtre changé		Client Info		Changed	Changed	---
Statut de l'échant.				ABNORMAL	ABNORMAL	---

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>100	30	50	---
Chrome	ppm	ASTM D5185(m)	>25	2	1	---
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	---
Titane	ppm	ASTM D5185(m)		0	<1	---
Argent	ppm	ASTM D5185(m)	>5	<1	<1	---
Aluminium	ppm	ASTM D5185(m)	>20	34	18	---
Plomb	ppm	ASTM D5185(m)	>25	4	5	---
Cuivre	ppm	ASTM D5185(m)	>35	6	20	---
Étain	ppm	ASTM D5185(m)	>8	2	4	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

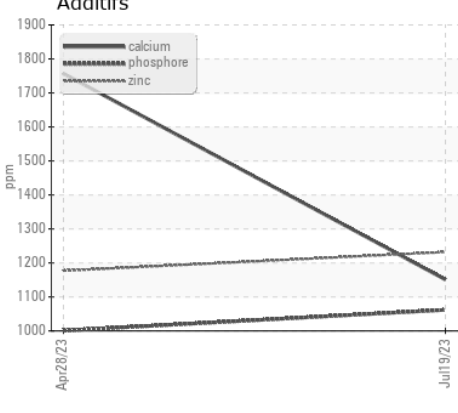
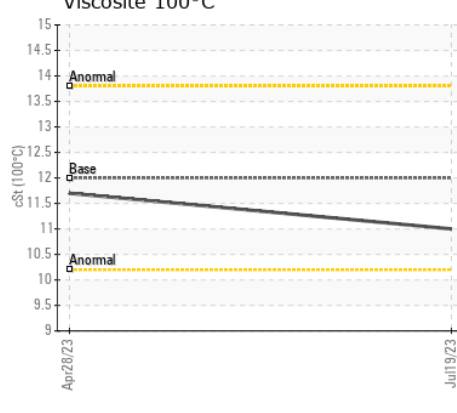
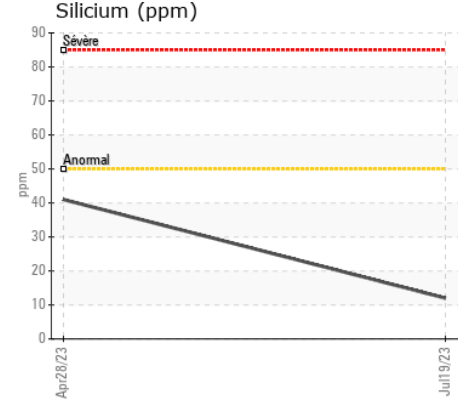
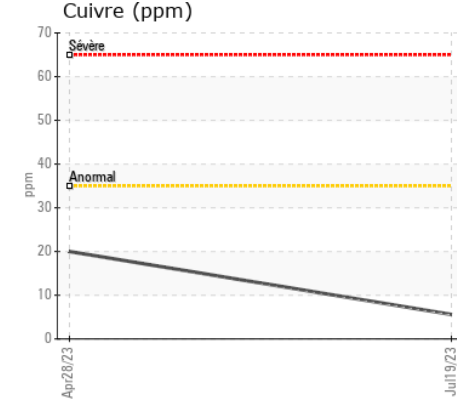
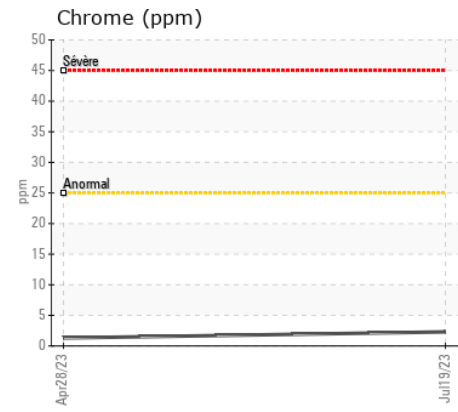
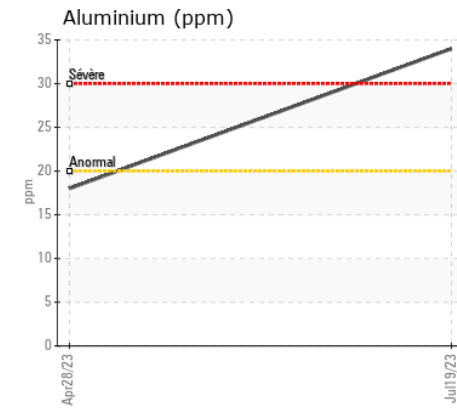
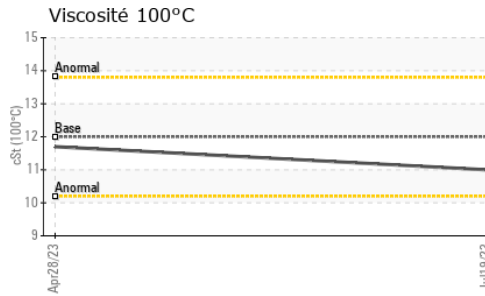
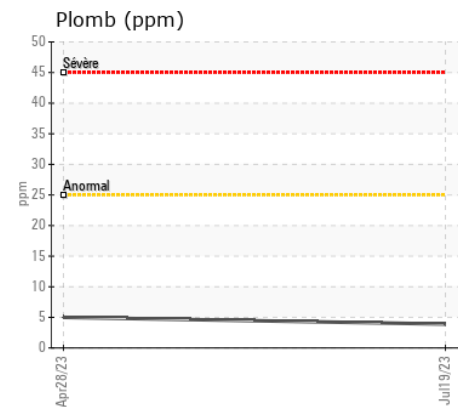
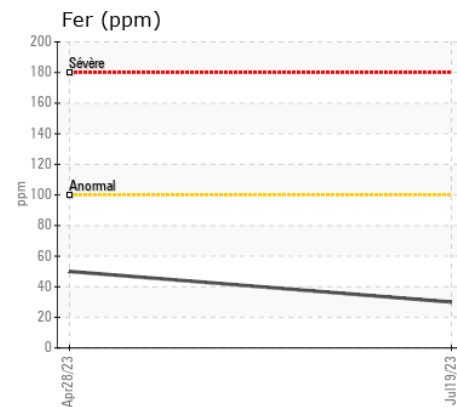
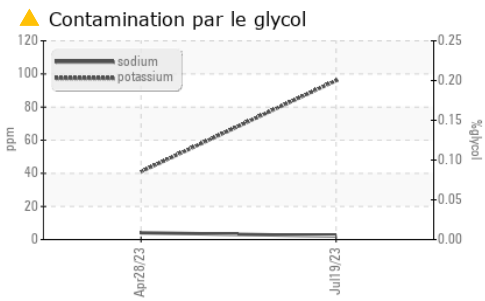
Water treatment chemicals present, indicating slow coolant leak. Test for glycol is negative.

Silicium	ppm	ASTM D5185(m)	>50	12	41	---
Potassium	ppm	ASTM D5185(m)	>20	▲ 96	▲ 41	---
% de suie	%	ASTM D7844*		0.2	0.2	---
Nitration	Abs/cm	ASTM D7624*	>20	9.1	8.9	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.9	21.8	---
Eau émulsifiée	scalar	Visual*	>0.1	NEG	NEG	---

ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service (see recommendation).

Sodium	ppm	ASTM D5185(m)		2	4	---
Bore	ppm	ASTM D5185(m)	2	6	44	---
Baryum	ppm	ASTM D5185(m)	0	<1	4	---
Molybdène	ppm	ASTM D5185(m)	50	62	63	---
Manganèse	ppm	ASTM D5185(m)	0	1	5	---
Magnésium	ppm	ASTM D5185(m)	950	949	454	---
Calcium	ppm	ASTM D5185(m)	1050	1151	1757	---
Phosphore	ppm	ASTM D5185(m)	995	1062	1001	---
Zinc	ppm	ASTM D5185(m)	1180	1232	1177	---
Soufre	ppm	ASTM D5185(m)	2600	2357	2255	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.0	19.2	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.0	11.7	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0836010 **Reçu** : 31 Aug 2023
N° de laboratoire : 02579612 **Diagnostiqué** : 01 Sep 2023
Numéro unique : 5632672 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1

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Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.