



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. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0857900	WC0836010	WC0812999
Date d'échant.		Client Info		07 Sep 2023	19 Jul 2023	28 Apr 2023
Âge d la Machine	mls	Client Info		88226	68882	34552
Âge de l'huile	mls	Client Info		88226	34330	34552
Âge du filtre	mls	Client Info		88226	0	34552
Huile changée		Client Info		Not Changd	Changed	Changed
Filtre changé		Client Info		Not Changd	Changed	Changed
Statut de l'échant.				ABNORMAL	ABNORMAL	ABNORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	15	30	50
Chrome	ppm	ASTM D5185(m)	>25	1	2	1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>5	<1	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	17	34	18
Plomb	ppm	ASTM D5185(m)	>25	2	4	5
Cuivre	ppm	ASTM D5185(m)	>35	2	6	20
Étain	ppm	ASTM D5185(m)	>8	1	2	4
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

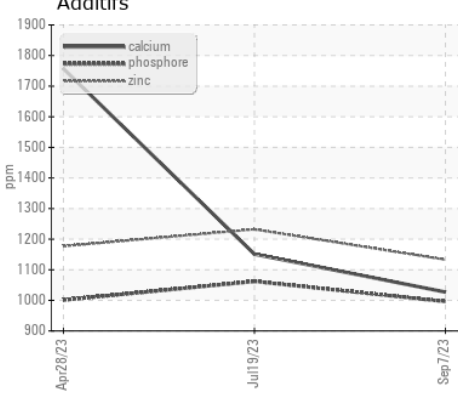
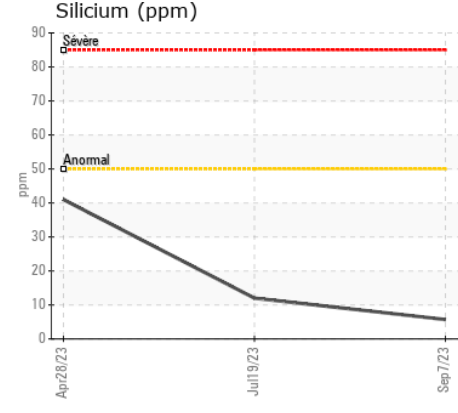
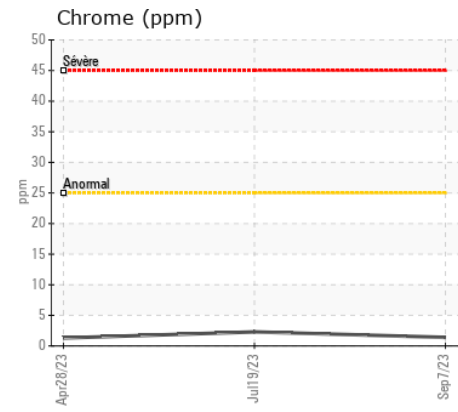
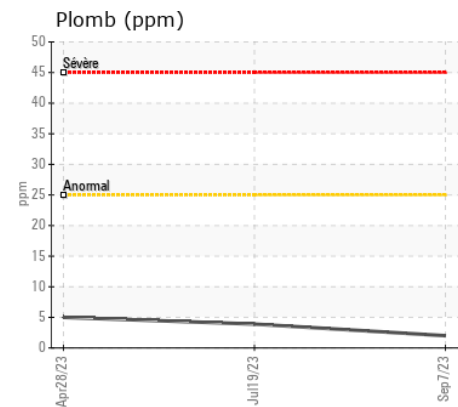
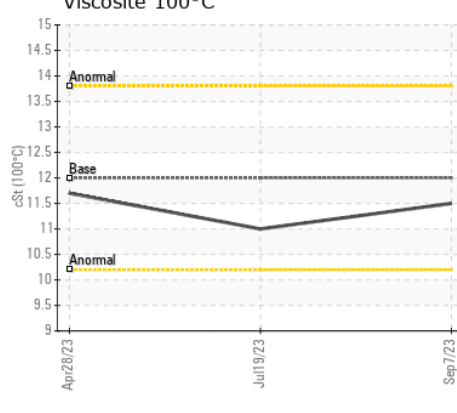
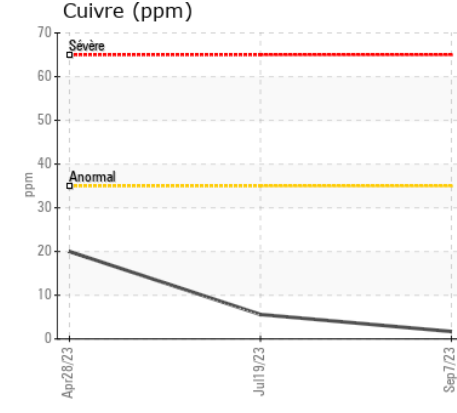
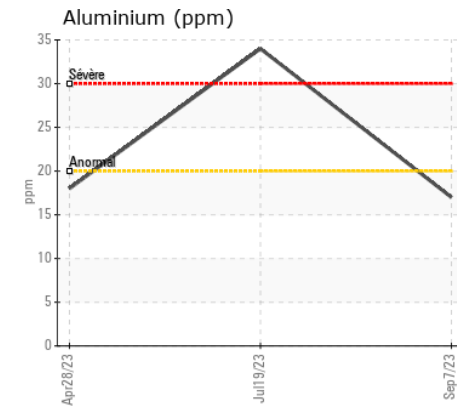
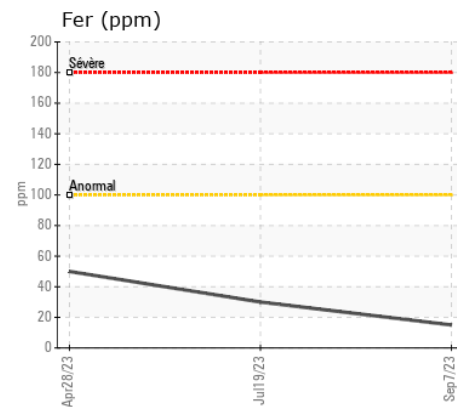
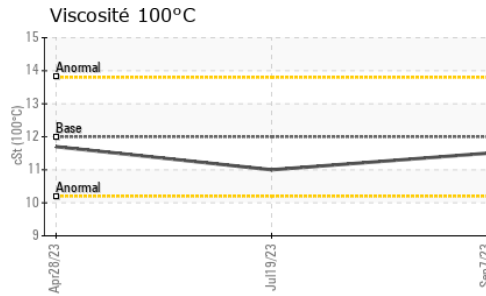
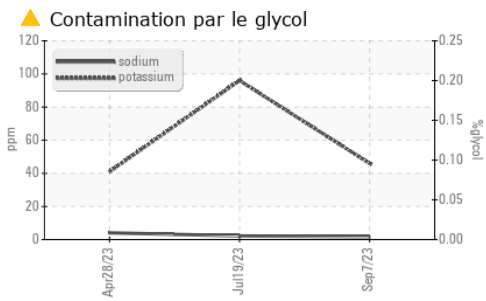
Water treatment chemicals present, indicating slow coolant leak. Test for glycol is negative.

Silicium	ppm	ASTM D5185(m)	>50	6	12	41
Potassium	ppm	ASTM D5185(m)	>20	▲ 46	▲ 96	▲ 41
% de suie	%	ASTM D7844*		0.2	0.2	0.2
Nitration	Abs/cm	ASTM D7624*	>20	7.1	9.1	8.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.2	21.9	21.8
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.1	NEG	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	2	4
Bore	ppm	ASTM D5185(m)	2	2	6	44
Baryum	ppm	ASTM D5185(m)	0	0	<1	4
Molybdène	ppm	ASTM D5185(m)	50	56	62	63
Manganèse	ppm	ASTM D5185(m)	0	<1	1	5
Magnésium	ppm	ASTM D5185(m)	950	920	949	454
Calcium	ppm	ASTM D5185(m)	1050	1027	1151	1757
Phosphore	ppm	ASTM D5185(m)	995	996	1062	1001
Zinc	ppm	ASTM D5185(m)	1180	1133	1232	1177
Soufre	ppm	ASTM D5185(m)	2600	2493	2357	2255
Oxydation	Abs/.1mm	ASTM D7414*	>25	14.7	17.0	19.2
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.5	11.0	11.7



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0857900 **Reçu** : 15 Sep 2023
N° de laboratoire : 02582666 **Diagnostiqué** : 15 Sep 2023
Numéro unique : 5643731 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1 (Additional Tests: Visual)

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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.