



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

Production de l'énergie électrique

Identité de la machine

13B02#02 (S/N 524 101 595)

Composant

Moteur auxiliaire 2

Fluid

PETRO CANADA DURON-E XL 15W40 (280 LTR)

RECOMMANDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0878514	WC0829226	WC0751392
Date d'échant.		Client Info		24 Mar 2024	23 Oct 2023	01 Apr 2023
Âge d la Machine	hrs	Client Info		35904	34817	32270
Âge de l'huile	hrs	Client Info		101	0	658
Âge du filtre	hrs	Client Info		101	33697	658
Huile changée		Client Info		Not Changd	Not Changd	Not Changd
Filtre changé		Client Info		Not Changd	N/A	Not Changd
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>35	3	6	4
Chrome	ppm	ASTM D5185(m)	>4	0	0	0
Nickel	ppm	ASTM D5185(m)	>2	0	0	<1
Titane	ppm	ASTM D5185(m)	>2	0	0	0
Argent	ppm	ASTM D5185(m)	>2	0	<1	0
Aluminium	ppm	ASTM D5185(m)	>25	<1	<1	<1
Plomb	ppm	ASTM D5185(m)	>7	0	<1	<1
Cuivre	ppm	ASTM D5185(m)	>65	<1	<1	1
Étain	ppm	ASTM D5185(m)	>4	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

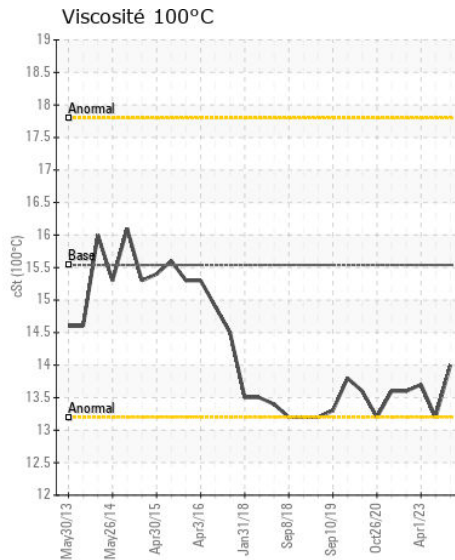
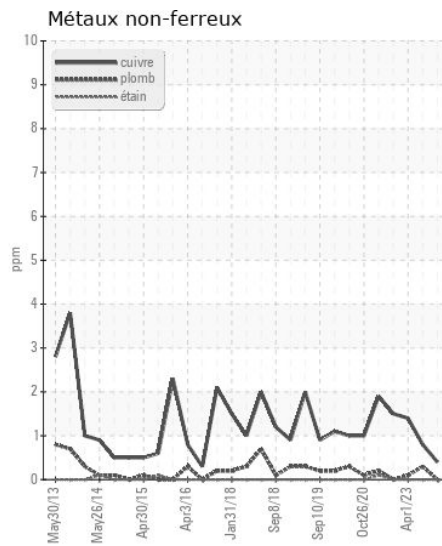
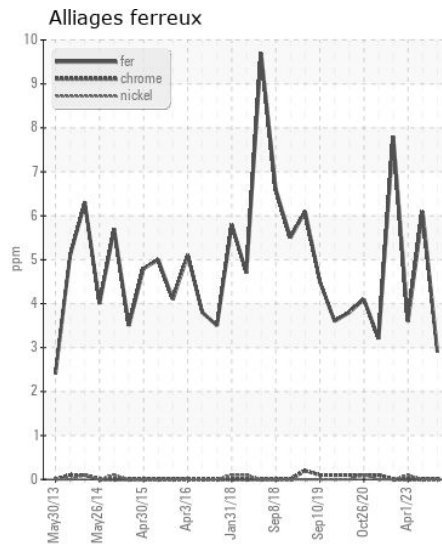
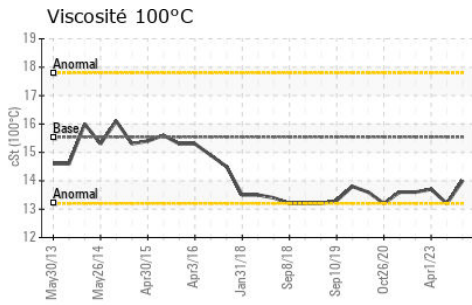
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>20	<1	2	2
Potassium	ppm	ASTM D5185(m)	>20	0	0	<1
Essence		WC Method	>4.0	<1.0	<1.0	<1.0
L'eau		WC Method	>0.1	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*		0	0.1	0
Nitration	Abs/cm	ASTM D7624*	>20	5.0	6.7	5.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.5	19.6	18.5
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	VLITE	---	---
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.

Sodium	ppm	ASTM D5185(m)		<1	1	1
Bore	ppm	ASTM D5185(m)	1	1	3	2
Baryum	ppm	ASTM D5185(m)	0	0	<1	0
Molybdène	ppm	ASTM D5185(m)	60	58	62	61
Manganèse	ppm	ASTM D5185(m)	0	0	0	<1
Magnésium	ppm	ASTM D5185(m)	1010	973	1008	1000
Calcium	ppm	ASTM D5185(m)	1070	1032	1105	1132
Phosphore	ppm	ASTM D5185(m)	1150	1007	1048	1139
Zinc	ppm	ASTM D5185(m)	1270	1168	1248	1225
Soufre	ppm	ASTM D5185(m)	2060	2602	2645	2734
Oxydation	Abs/.1mm	ASTM D7414*	>25	14.2	15.8	14.2
Visc 100°C	cSt	ASTM D7279(m)	15.54	14.0	13.2	13.7



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : WC0878514

N° de laboratoire : 02624162

Numéro unique : 5749281

Analyse : MAR 1

Reçu : 25 Mar 2024

Tested : 25 Mar 2024

Diagnostiqué : 25 Mar 2024 - Wes Davis

Canadian Coast Guard

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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.