



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

INTERNATIONAL 52937

Composant

Moteur diesel Avant

Fluid

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

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0889987	WC0890011	WC0877561
Date d'échant.		Client Info		20 Feb 2024	22 Jan 2024	04 Nov 2023
Âge d la Machine	mls	Client Info		183655	170022	29815
Âge de l'huile	mls	Client Info		0	33296	29815
Âge du filtre	mls	Client Info		0	33296	29815
Huile changée		Client Info		Not Changd	N/A	Changed
Filtre changé		Client Info		Not Changd	N/A	Changed
Statut de l'échant.				NORMAL	ABNORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>90	9	50	17
Chrome	ppm	ASTM D5185(m)	>20	<1	1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titane	ppm	ASTM D5185(m)	>2	0	0	0
Argent	ppm	ASTM D5185(m)	>2	0	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	2	▲ 18	7
Plomb	ppm	ASTM D5185(m)	>40	2	4	5
Cuivre	ppm	ASTM D5185(m)	>330	<1	24	1
Étain	ppm	ASTM D5185(m)	>15	<1	4	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

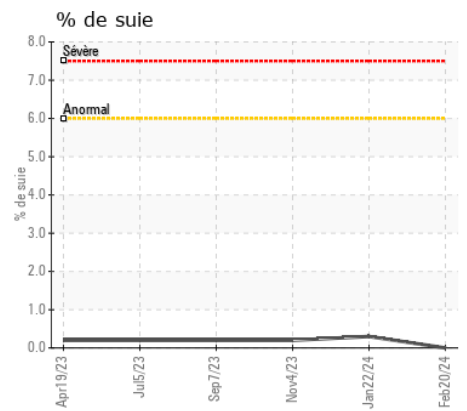
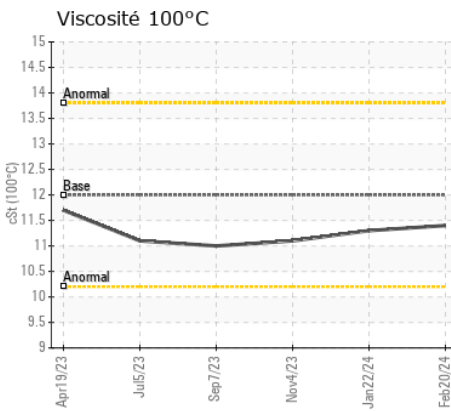
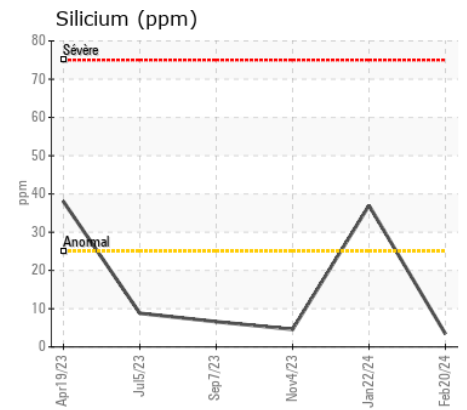
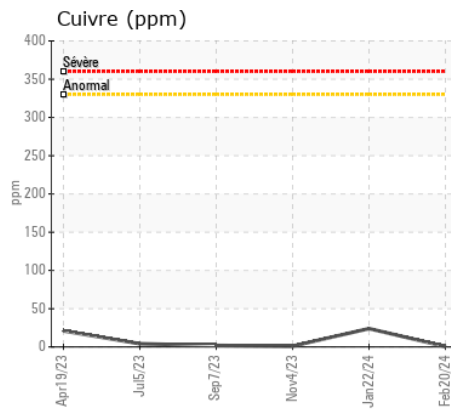
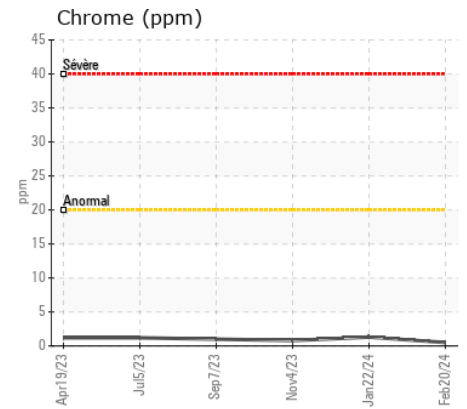
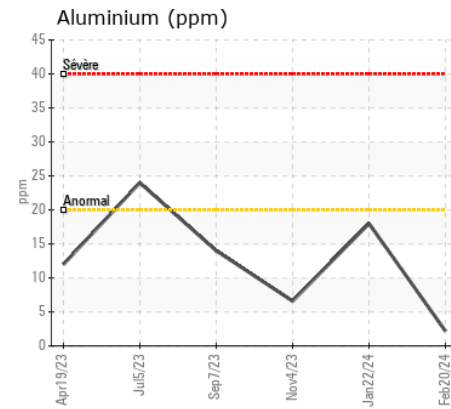
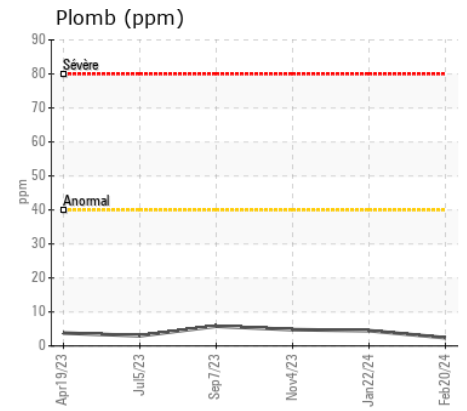
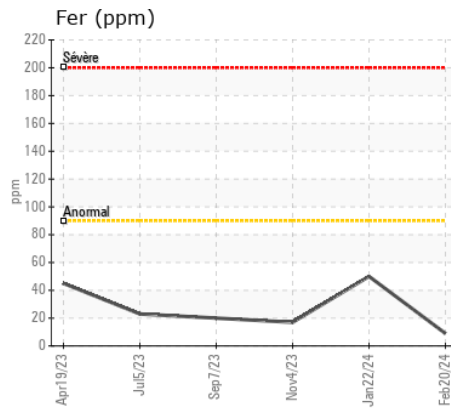
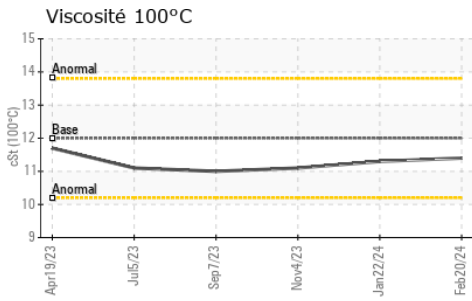
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	▲ 37	5
Potassium	ppm	ASTM D5185(m)	>20	2	57	17
Essence		WC Method	>3.0	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>6	0	0.3	0.2
Nitration	Abs/cm	ASTM D7624*	>20	6.2	9.6	7.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.8	22.0	19.9
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		1	6	2
Bore	ppm	ASTM D5185(m)	2	1	45	2
Baryum	ppm	ASTM D5185(m)	0	0	4	0
Molybdène	ppm	ASTM D5185(m)	50	58	62	59
Manganèse	ppm	ASTM D5185(m)	0	0	4	0
Magnésium	ppm	ASTM D5185(m)	950	971	435	975
Calcium	ppm	ASTM D5185(m)	1050	1073	1747	1130
Phosphore	ppm	ASTM D5185(m)	995	1033	936	1012
Zinc	ppm	ASTM D5185(m)	1180	1192	1139	1234
Soufre	ppm	ASTM D5185(m)	2600	2763	2581	2531
Oxydation	Abs/.1mm	ASTM D7414*	>25	14.7	18.3	15.8
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.4	11.3	11.1



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0889987
N° de laboratoire : 02617357
Numéro unique : 5734467
Analyse : MOB 1

Reçu : 22 Feb 2024
Tested : 22 Feb 2024
Diagnostiqué : 22 Feb 2024 - Wes Davis

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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.