



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

3305

Composant

Moteur diesel

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		WC0909572	WC0890006	WC0877572
Date d'échant.		Client Info		26 Mar 2024	04 Jan 2024	23 Nov 2023
Âge d la Machine	mls	Client Info		86678	63980	22758
Âge de l'huile	mls	Client Info		22714	19650	22758
Âge du filtre	mls	Client Info		22714	19650	22758
Huile changée		Client Info		Changed	Changed	Changed
Filtre changé		Client Info		Changed	Changed	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>90	21	19	25
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titane	ppm	ASTM D5185(m)	>2	<1	0	0
Argent	ppm	ASTM D5185(m)	>2	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	7	7	9
Plomb	ppm	ASTM D5185(m)	>40	0	0	0
Cuivre	ppm	ASTM D5185(m)	>330	1	1	2
Étain	ppm	ASTM D5185(m)	>15	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

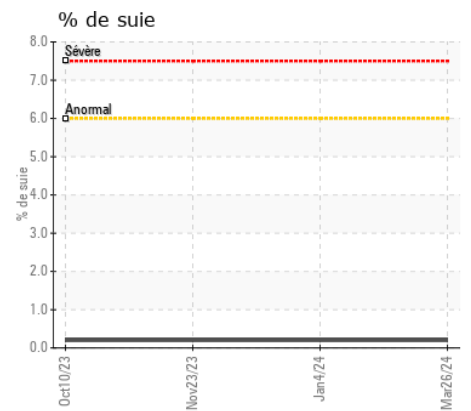
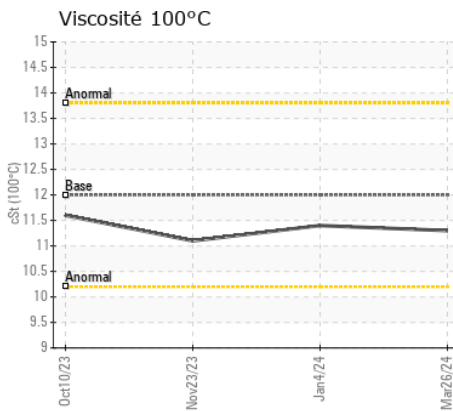
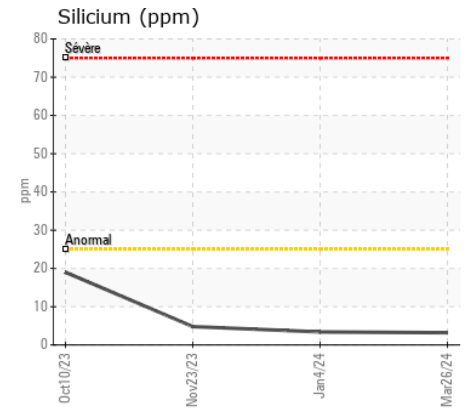
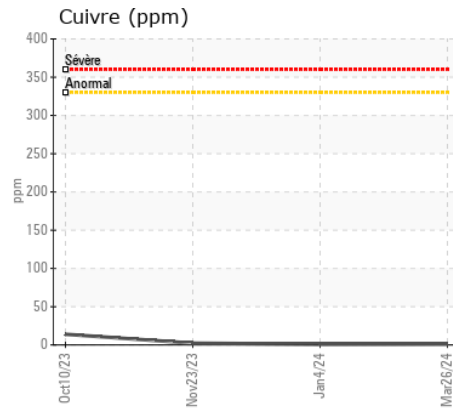
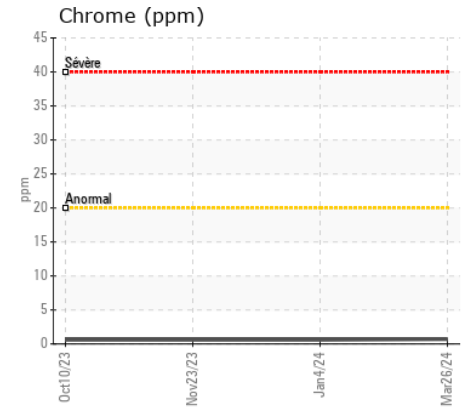
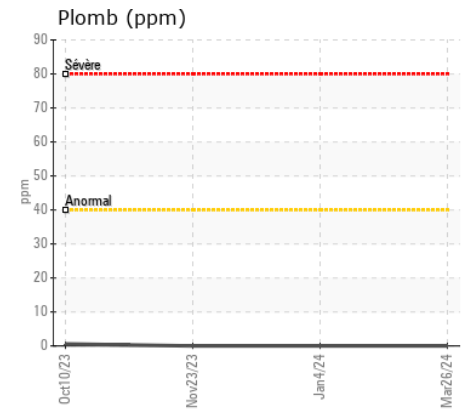
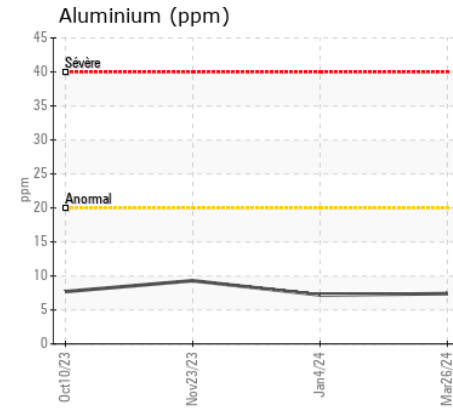
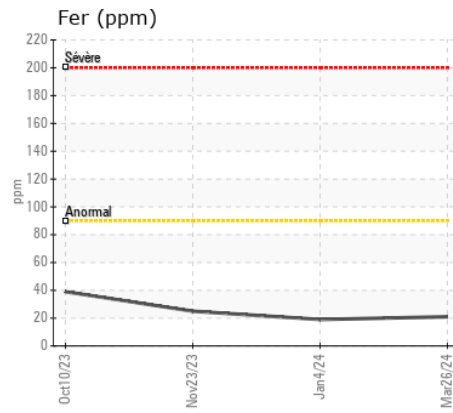
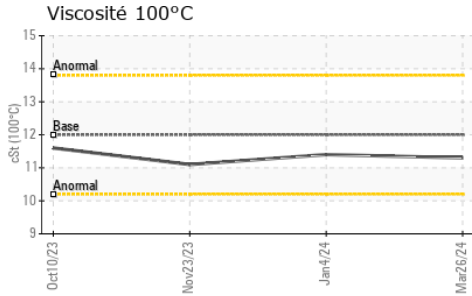
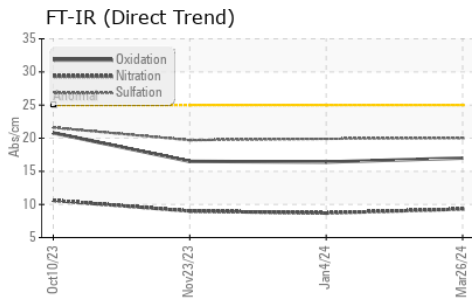
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	3	5
Potassium	ppm	ASTM D5185(m)	>20	8	10	13
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	0.2	0.2	0.2
Nitration	Abs/cm	ASTM D7624*	>20	9.3	8.7	9.0
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.0	19.9	19.7
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	<1	1
Bore	ppm	ASTM D5185(m)	2	2	2	7
Baryum	ppm	ASTM D5185(m)	0	0	0	<1
Molybdène	ppm	ASTM D5185(m)	50	61	59	58
Manganèse	ppm	ASTM D5185(m)	0	<1	0	<1
Magnésium	ppm	ASTM D5185(m)	950	965	968	909
Calcium	ppm	ASTM D5185(m)	1050	1071	1163	1276
Phosphore	ppm	ASTM D5185(m)	995	1014	1017	983
Zinc	ppm	ASTM D5185(m)	1180	1206	1194	1156
Soufre	ppm	ASTM D5185(m)	2600	2463	2754	2796
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.0	16.4	16.5
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.3	11.4	11.1



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0909572
N° de laboratoire : 02642878
Numéro unique : 5800417
Analyse : MOB 1

Reçu : 19 Jun 2024
Tested : 19 Jun 2024
Diagnostiqué : 19 Jun 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.