



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

PWGSC [103311]

Identité de la machine

UNIT 2 (S/N 7A70867)

Composant

Moteur diesel

Fluid

SHELL ROTELLA T 15W40 (--- GAL)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill.
Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU0020726	CU0020723	CU0020717
Date d'échant.		Client Info		08 Apr 2024	05 Feb 2024	04 Dec 2023
Âge d la Machine	hrs	Client Info		0	1178	0
Âge de l'huile	hrs	Client Info		0	0	0
Âge du filtre	hrs	Client Info		0	0	0
Huile changée		Client Info		Not Changd	N/A	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)	>100	3	3	3
Chrome	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	0	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	1	2	1
Plomb	ppm	ASTM D5185(m)	>40	0	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	1	<1	<1
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

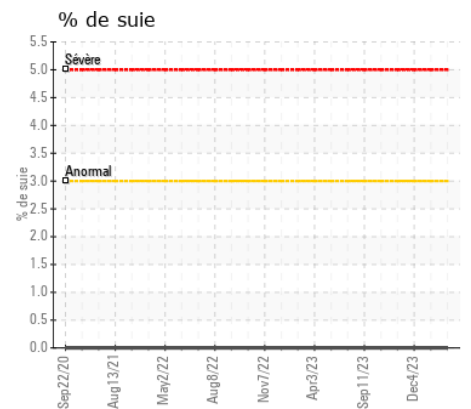
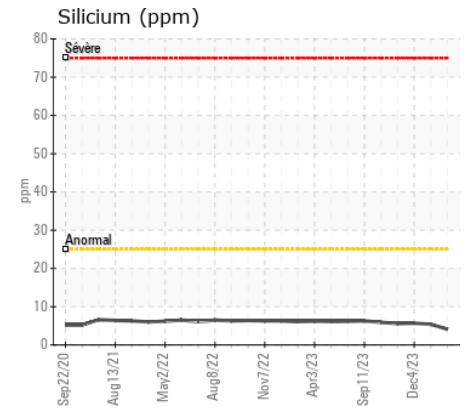
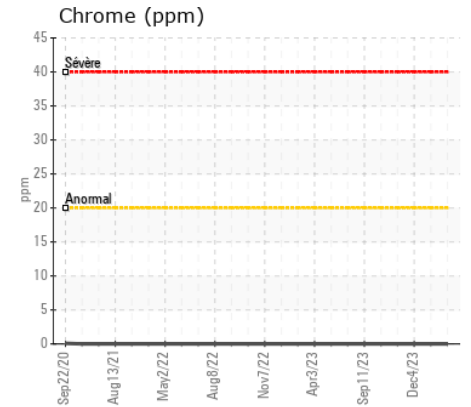
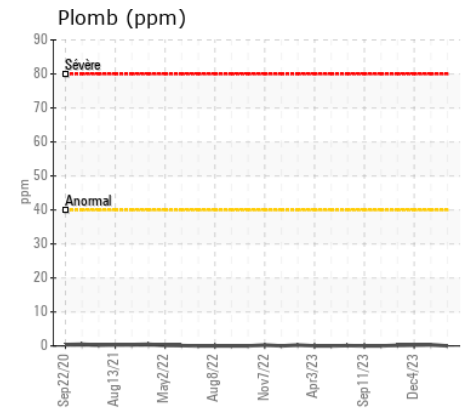
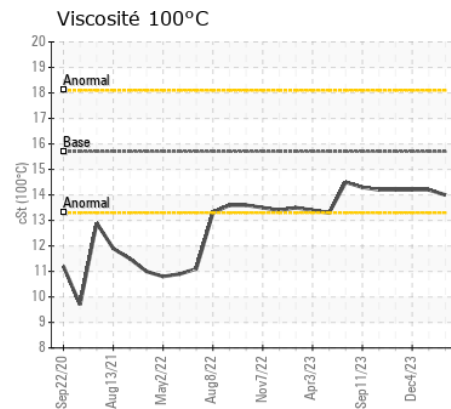
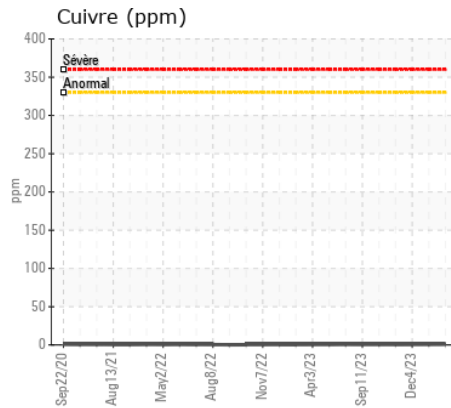
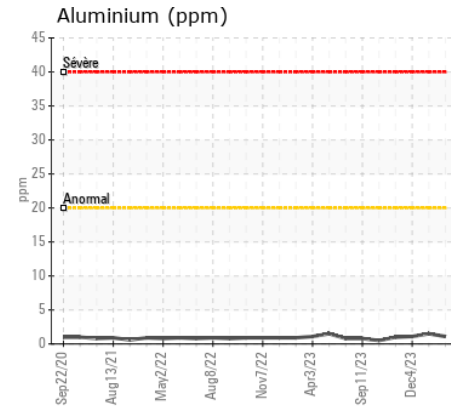
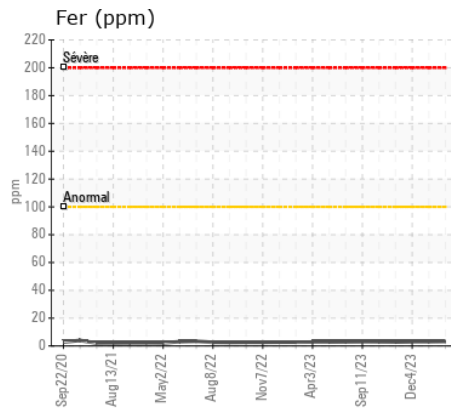
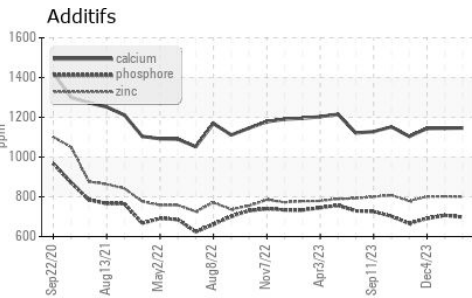
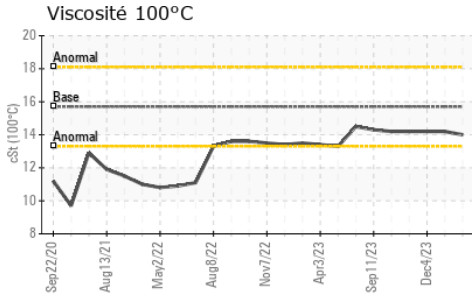
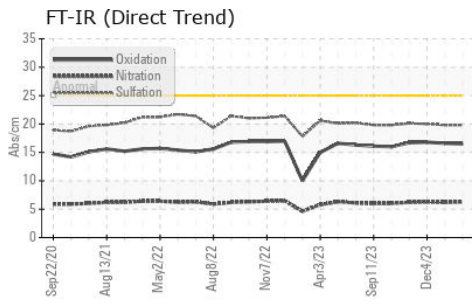
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	5	6
Potassium	ppm	ASTM D5185(m)	>20	0	<1	0
Essence		WC Method	>5	<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*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	6.3	6.2	6.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.8	19.8	20.0
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

Additive levels indicate the addition of a different brand, or type of oil.
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		3	3	3
Bore	ppm	ASTM D5185(m)	35	44	43	43
Baryum	ppm	ASTM D5185(m)	0	0	0	<1
Molybdène	ppm	ASTM D5185(m)	0	49	49	49
Manganèse	ppm	ASTM D5185(m)	0	<1	0	0
Magnésium	ppm	ASTM D5185(m)	10	800	784	787
Calcium	ppm	ASTM D5185(m)	2340	1146	1145	1144
Phosphore	ppm	ASTM D5185(m)	1110	698	707	691
Zinc	ppm	ASTM D5185(m)	1210	800	802	801
Soufre	ppm	ASTM D5185(m)	3890	1895	2045	1913
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.5	16.6	16.8
Visc 100°C	cSt	ASTM D7279(m)	15.7	14.0	14.2	14.2



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : CU0020726

N° de laboratoire : 02628652

Numéro unique : 5761784

Analyse : MOB 1

Reçu : 15 Apr 2024

Tested : 15 Apr 2024

Diagnostiqué : 15 Apr 2024 - Kevin Marson

CUMMINS EASTERN CANADA LP

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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.