



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

VOLV 311

Composant

Moteur diesel Droit(e)

Fluid

PETRO CANADA DURON SAE 10W30 (35 GAL)

RECOMMANDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0082646	PC0072166	PC0066925
Date d'échant.		Client Info		09 Aug 2023	09 Aug 2023	25 Jan 2023
Âge d la Machine	hrs	Client Info		0	682970	665325
Âge de l'huile	hrs	Client Info		0	29840	12195
Âge du filtre	hrs	Client Info		0	29840	12195
Huile changée		Client Info		N/A	Changed	Not Changd
Filtre changé		Client Info		N/A	Changed	Not Changd
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

Les taux d'usure de tous les composants sont normaux.

Fer	ppm	ASTM D5185(m)	>100	8	20	10
Chrome	ppm	ASTM D5185(m)	>20	0	<1	0
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>2	0	0	0
Aluminium	ppm	ASTM D5185(m)	>25	3	5	3
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	1	3	2
Étain	ppm	ASTM D5185(m)	>15	<1	1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

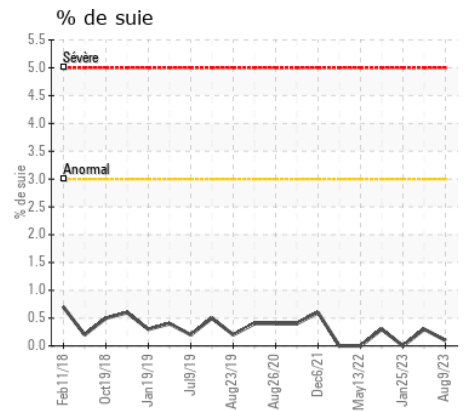
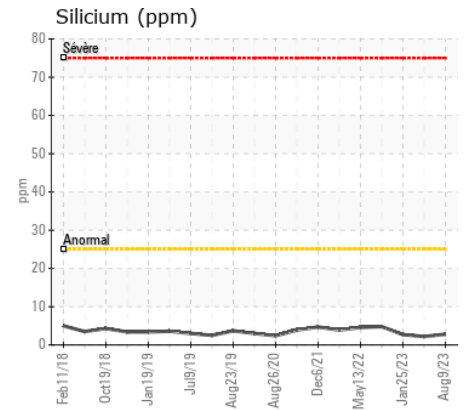
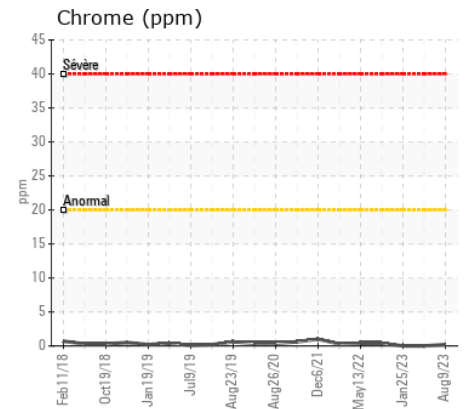
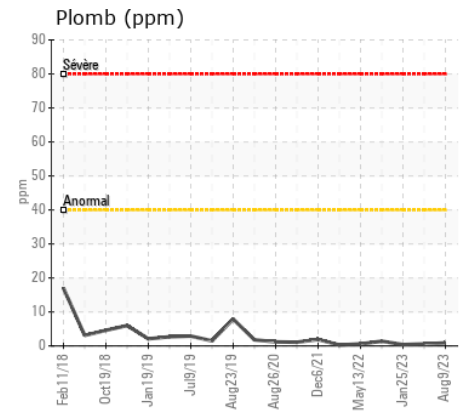
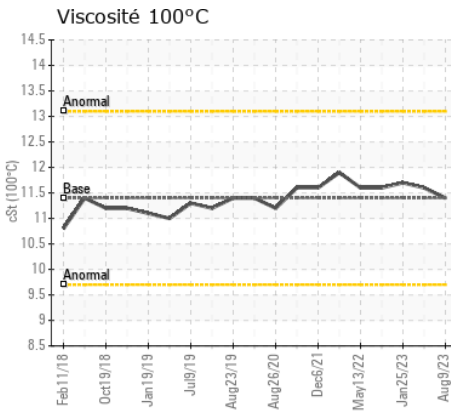
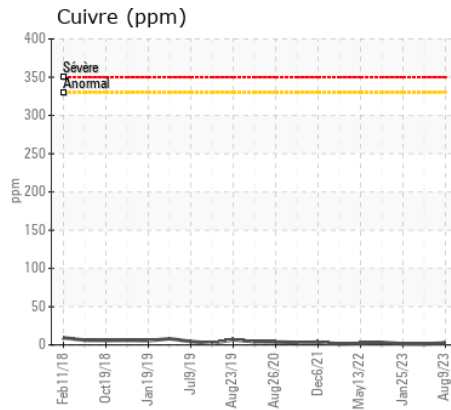
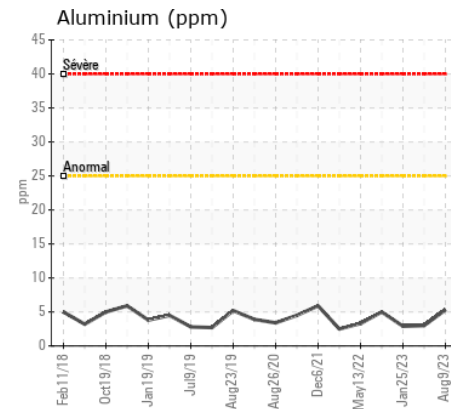
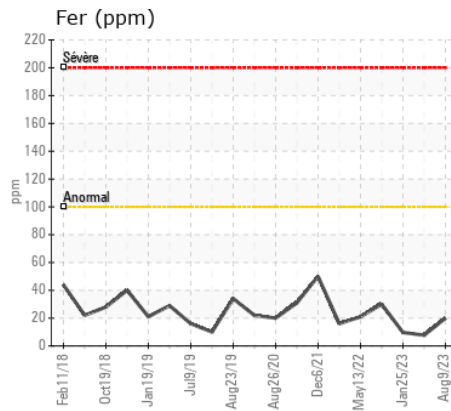
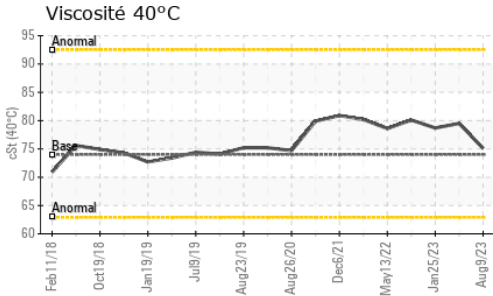
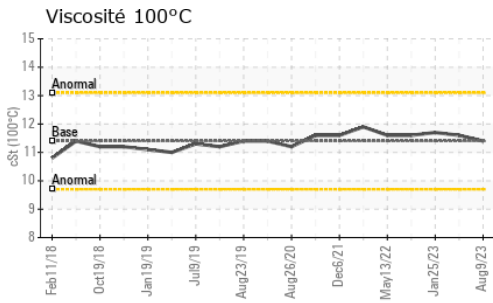
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	2	3	3
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Essence		WC Method	>6.0	<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*	>3	0.1	0.3	0
Nitration	Abs/cm	ASTM D7624*	>20	8.2	11.7	9.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.2	23.3	20.9
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		5	11	6
Bore	ppm	ASTM D5185(m)	1	1	<1	1
Baryum	ppm	ASTM D5185(m)	1	0	0	0
Molybdène	ppm	ASTM D5185(m)	1	58	59	59
Manganèse	ppm	ASTM D5185(m)	1	0	0	<1
Magnésium	ppm	ASTM D5185(m)	10	940	953	965
Calcium	ppm	ASTM D5185(m)	2942	1074	1065	1108
Phosphore	ppm	ASTM D5185(m)	1102	1018	983	1098
Zinc	ppm	ASTM D5185(m)	1351	1158	1150	1190
Soufre	ppm	ASTM D5185(m)	3903	2615	2335	2606
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.5	19.7	16.3
Visc 40°C	cSt	ASTM D7279(m)	74.0	75.1	79.5	78.7
Visc 100°C	cSt	ASTM D7279(m)	11.4	11.4	11.6	11.7
Indice de viscosité (VI)	Scale	ASTM D2270*	146	143	138	141



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0082646
N° de laboratoire : 02608402
Numéro unique : 5709488
Analyse : MOB 1 (Additional Tests: KV40, VI)

Reçu : 12 Jan 2024
Diagnostiqueur : Wes Davis

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.

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