



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine
VOLVO 305

Composant
Moteur diesel

Fluid
PETRO CANADA DURON-E 10W30 (35 LTR)

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		PC0082557	PC0072163	PC0066938
Date d'échant.		Client Info		13 Nov 2023	13 Nov 2023	24 Mar 2023
Âge d la Machine	kms	Client Info		781990	781990	755126
Âge de l'huile	kms	Client Info		10661	10661	27856
Âge du filtre	kms	Client Info		10661	10661	27856
Huile changée		Client Info		Not Changd	Not Changd	Not Changd
Filtre changé		Client Info		Not Changd	Not Changd	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	9	54	33
Chrome	ppm	ASTM D5185(m)	>20	0	1	<1
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	5	15	10
Plomb	ppm	ASTM D5185(m)	>40	<1	2	1
Cuivre	ppm	ASTM D5185(m)	>330	2	11	10
Étain	ppm	ASTM D5185(m)	>15	<1	2	2
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

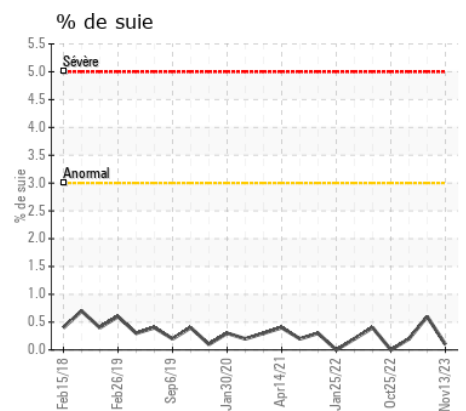
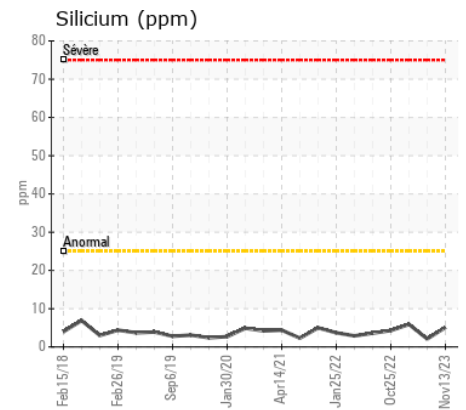
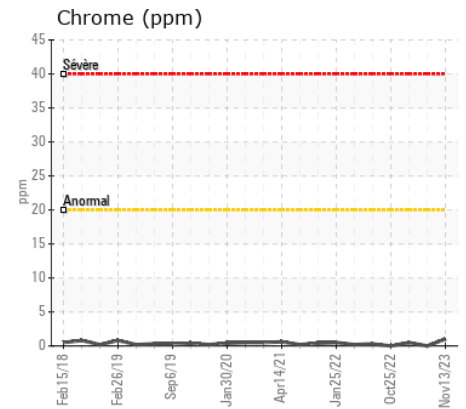
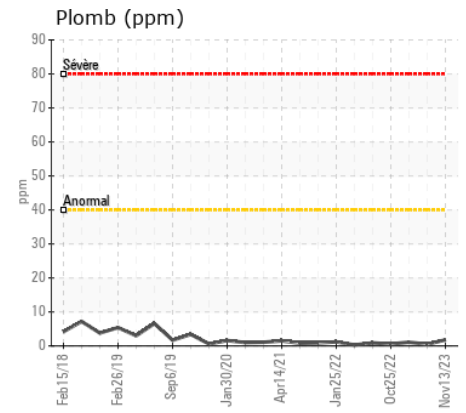
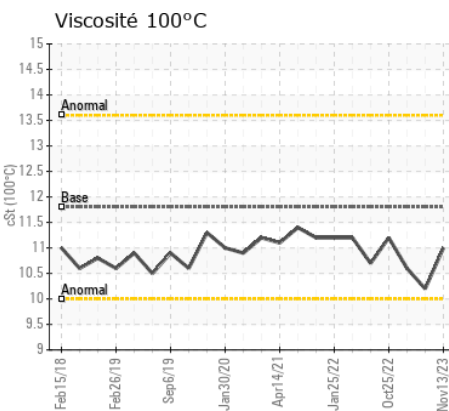
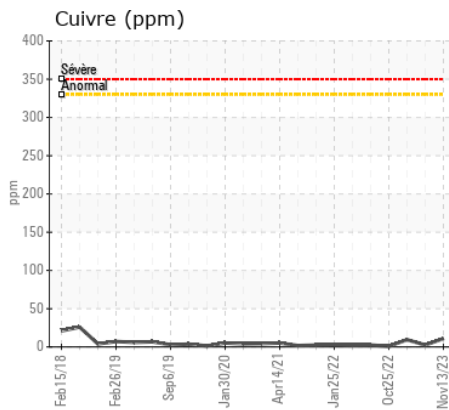
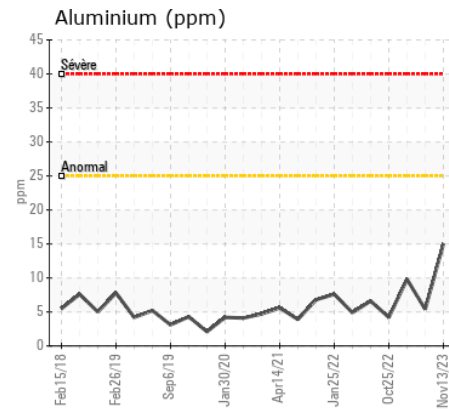
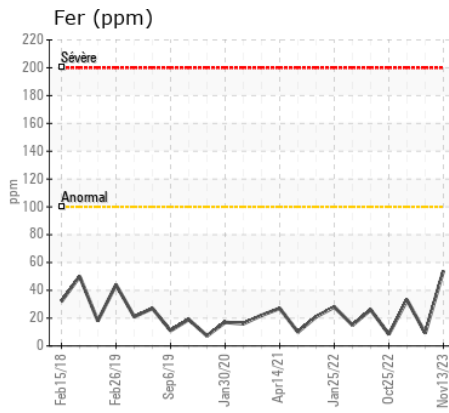
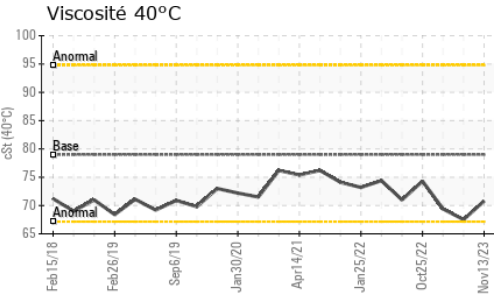
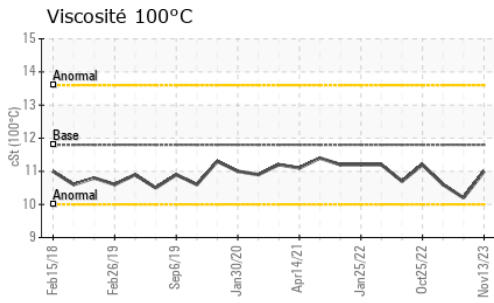
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	2	5	6
Potassium	ppm	ASTM D5185(m)	>20	0	13	3
Essence		WC Method	>6.0	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	0.0	NEG
% de suie	%	ASTM D7844*	>3	0.1	0.6	0.2
Nitration	Abs/cm	ASTM D7624*	>20	8.9	15.7	12.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.8	27.5	23.6
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)		4	13	9
Bore	ppm	ASTM D5185(m)	1	1	1	2
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	60	57	57	58
Manganèse	ppm	ASTM D5185(m)	0	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	1010	931	900	897
Calcium	ppm	ASTM D5185(m)	1070	1052	1067	1107
Phosphore	ppm	ASTM D5185(m)	1150	1011	946	998
Zinc	ppm	ASTM D5185(m)	1270	1134	1110	1134
Soufre	ppm	ASTM D5185(m)	2060	2618	2051	2327
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.7	26.7	19.8
Visc 40°C	cSt	ASTM D7279(m)	79.0	70.8	67.5	69.4
Visc 100°C	cSt	ASTM D7279(m)	11.80	11.0	10.2	10.6
Indice de viscosité (VI)	Scale	ASTM D2270*	144	145	136	140



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0082557 **Reçu** : 12 Jan 2024
N° de laboratoire : 02608437 **Diagnostiqué** : 15 Jan 2024
Numéro unique : 5709523 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI)

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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