



USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Identité de la machine

**ISUZU 1018**

Composant

**Moteur diesel**

Fluid

**PETRO CANADA DURON SAE 10W30 (--- 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		<b>PC0072179</b>	PC0067699	PC0065765
Date d'échant.		Client Info		<b>16 Aug 2023</b>	27 Feb 2023	09 Nov 2022
Âge d la Machine	kms	Client Info		<b>70198</b>	60294	52687
Âge de l'huile	kms	Client Info		<b>9904</b>	7607	10481
Âge du filtre	kms	Client Info		<b>9904</b>	7607	10481
Huile changée		Client Info		<b>Changed</b>	Changed	Changed
Filtre changé		Client Info		<b>Changed</b>	Changed	Changed
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

**USURE**

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Fer	ppm	ASTM D5185(m)	>100	<b>23</b>	15	14
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	3	3
Plomb	ppm	ASTM D5185(m)	>40	<b>2</b>	1	1
Cuivre	ppm	ASTM D5185(m)	>330	<b>5</b>	2	3
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	1	1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

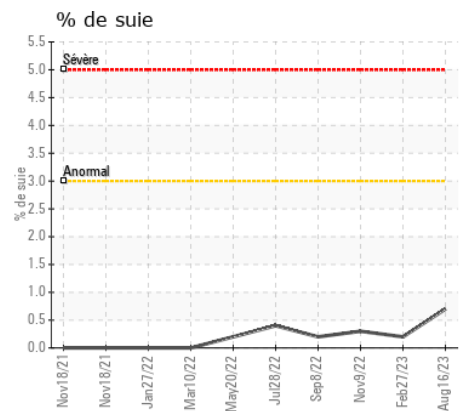
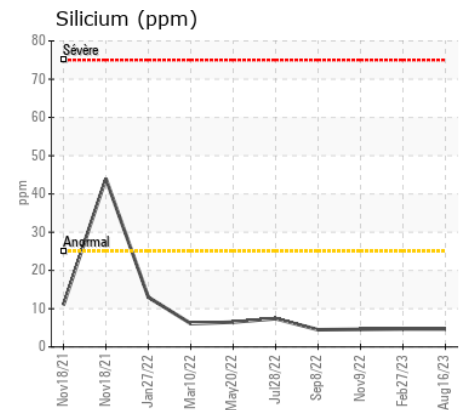
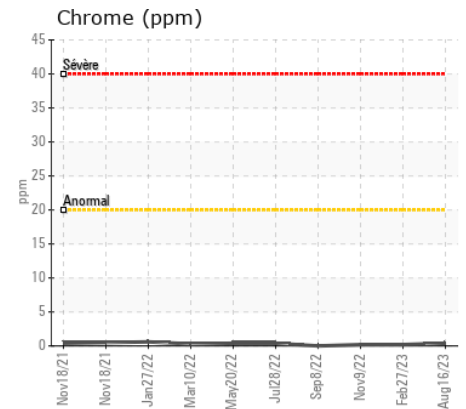
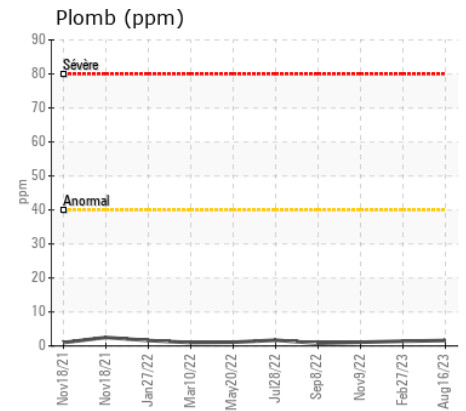
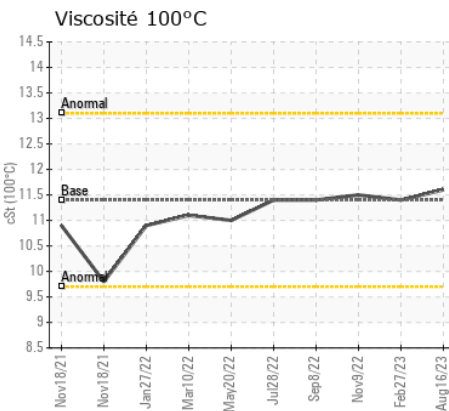
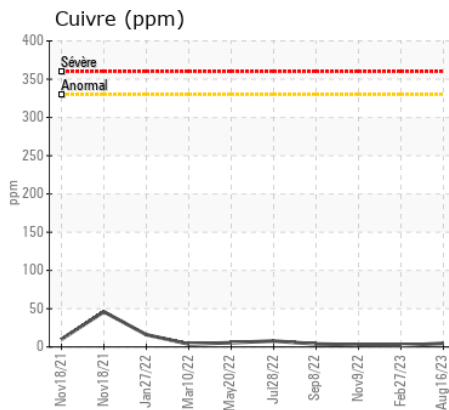
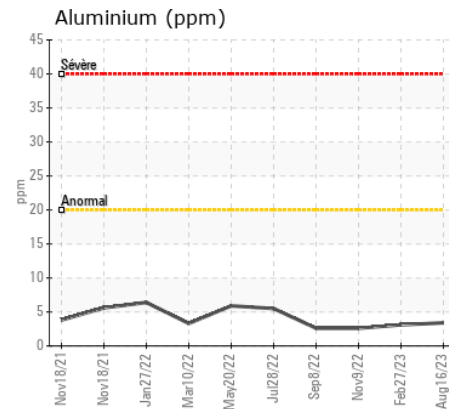
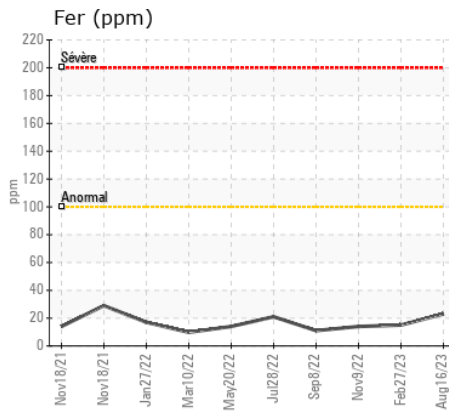
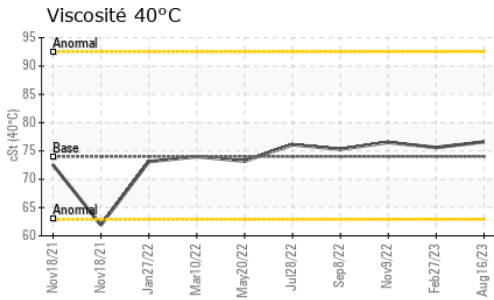
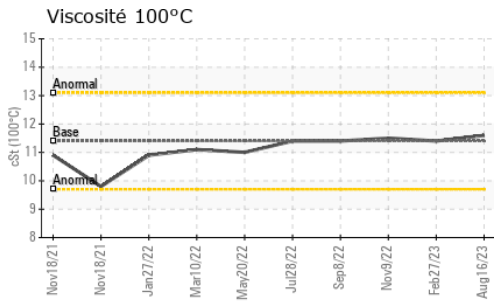
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>5</b>	5	5
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	0
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.7</b>	0.2	0.3
Nitration	Abs/cm	ASTM D7624*	>20	<b>10.0</b>	8.6	8.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.7</b>	19.4	20.9
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

**ÉTAT DU FLUIDE**

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

Sodium	ppm	ASTM D5185(m)		<b>2</b>	2	2
Bore	ppm	ASTM D5185(m)	1	<b>2</b>	2	3
Baryum	ppm	ASTM D5185(m)	1	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	1	<b>62</b>	62	62
Manganèse	ppm	ASTM D5185(m)	1	<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	10	<b>1008</b>	1013	999
Calcium	ppm	ASTM D5185(m)	2942	<b>1110</b>	1176	1181
Phosphore	ppm	ASTM D5185(m)	1102	<b>1067</b>	1148	1132
Zinc	ppm	ASTM D5185(m)	1351	<b>1232</b>	1261	1265
Soufre	ppm	ASTM D5185(m)	3903	<b>2708</b>	2784	2705
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>16.8</b>	16.3	16.7
Visc 40°C	cSt	ASTM D7279(m)	74.0	<b>76.6</b>	75.6	76.5
Visc 100°C	cSt	ASTM D7279(m)	11.4	<b>11.6</b>	11.4	11.5
Indice de viscosité (VI)	Scale	ASTM D2270*	146	<b>144</b>	142	142



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0072179  
**N° de laboratoire** : 02608482  
**Numéro unique** : 5709568  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

**Reçu** : 12 Jan 2024  
**Diagnostiqué** : 15 Jan 2024  
**Diagnostiqueur** : Wes Davis

**Transport Dynapro**  
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 Montreal Nord, QC  
 CA H1G 6P7  
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 T: (514)255-7930  
 F: (514)255-7903

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.