



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



Identité de la machine  
**MACK 3955**  
 Composant  
**Moteur diesel**  
 Fluide  
**PETRO CANADA DURON SHP 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>PC0072132</b>	PC0066148	PC0065425
Date d'échant.		Client Info		<b>04 Aug 2023</b>	23 Feb 2023	15 Sep 2022
Âge d la Machine	kms	Client Info		<b>348583</b>	305480	0
Âge de l'huile	kms	Client Info		<b>43103</b>	29336	0
Âge du filtre	kms	Client Info		<b>43103</b>	29336	0
Huile changée		Client Info		<b>Changed</b>	Changed	N/A
Filtre changé		Client Info		<b>Changed</b>	Changed	N/A
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

**USURE**

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

Fer	ppm	ASTM D5185(m)	>120	<b>41</b>	15	19
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>4</b>	3	7
Plomb	ppm	ASTM D5185(m)	>40	<b>2</b>	<1	1
Cuivre	ppm	ASTM D5185(m)	>330	<b>10</b>	7	10
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	---	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

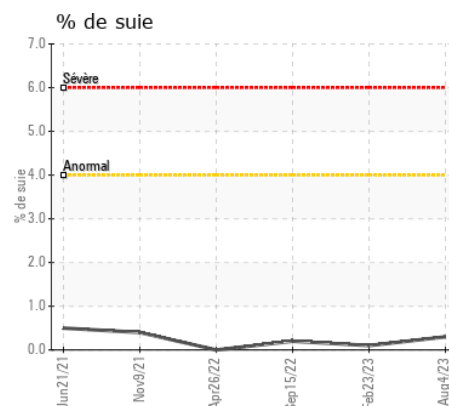
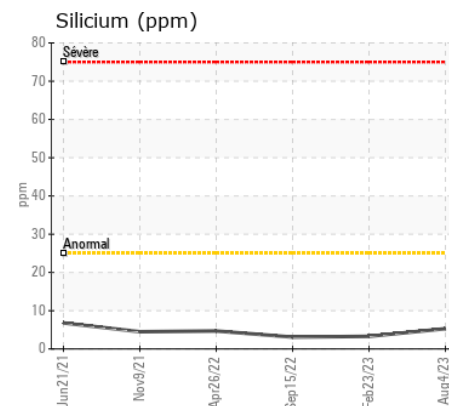
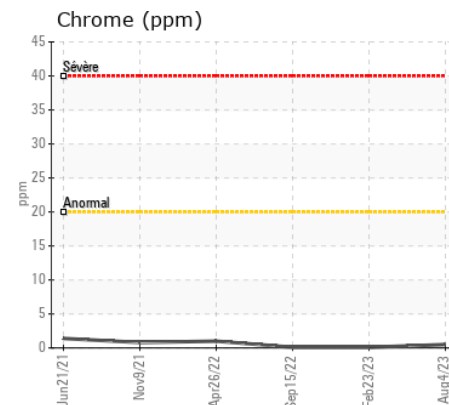
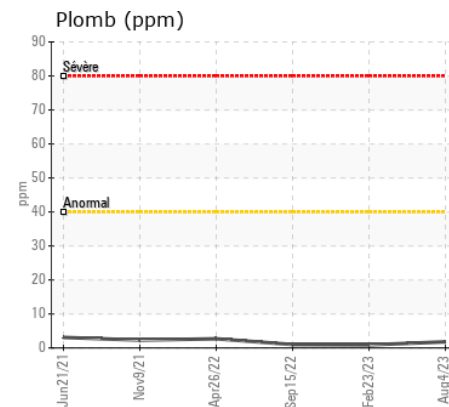
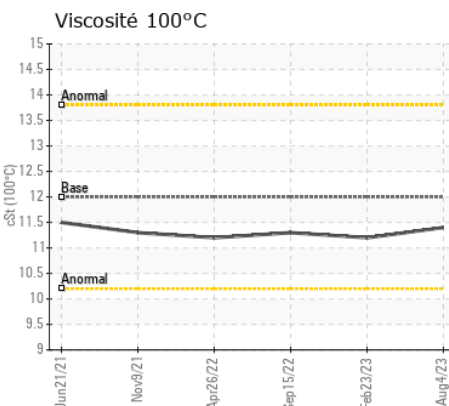
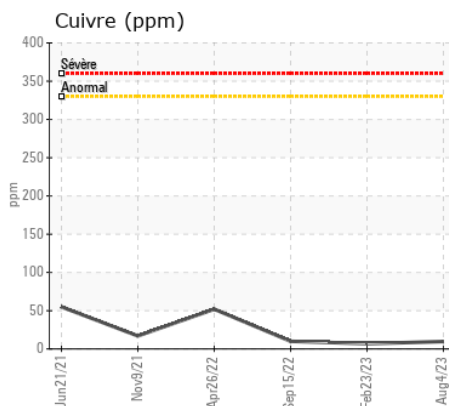
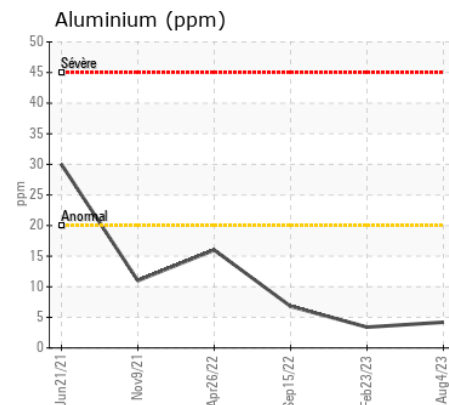
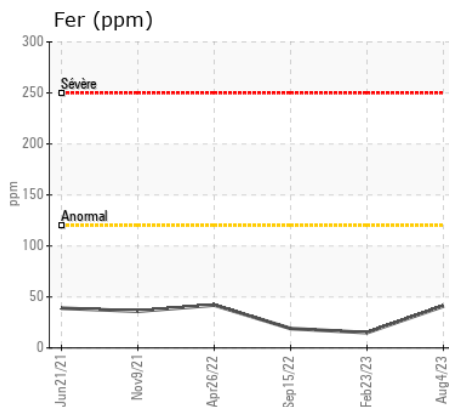
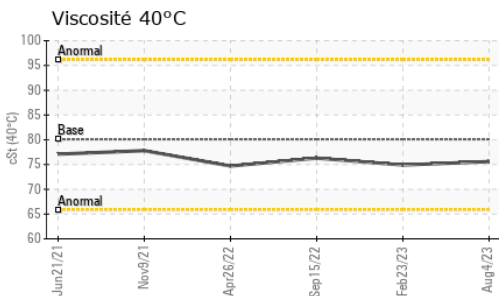
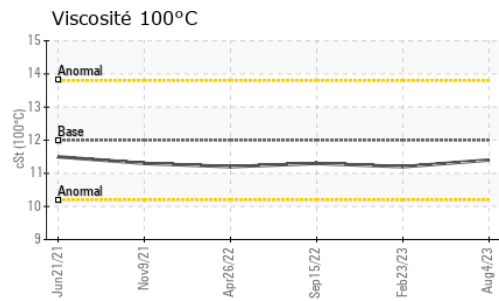
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>5</b>	3	3
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	4	10
Essence		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>4	<b>0.3</b>	0.1	0.2
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.5</b>	8.5	8.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.9</b>	21.2	21.1
Limon	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	---	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
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>5</b>	3	7
Bore	ppm	ASTM D5185(m)	2	<b>2</b>	2	2
Baryum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>60</b>	60	58
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>974</b>	970	968
Calcium	ppm	ASTM D5185(m)	1050	<b>1045</b>	1102	1105
Phosphore	ppm	ASTM D5185(m)	995	<b>1012</b>	1081	1046
Zinc	ppm	ASTM D5185(m)	1180	<b>1176</b>	1177	1189
Soufre	ppm	ASTM D5185(m)	2600	<b>2344</b>	2549	2490
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>17.0</b>	15.8	16.5
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>75.6</b>	74.9	76.3
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.4</b>	11.2	11.3
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>142</b>	140	139



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0072132  
**N° de laboratoire** : 02582784  
**Numéro unique** : 5643849  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI, Visual )

**Reçu** : 15 Sep 2023  
**Diagnostiqué** : 15 Sep 2023  
**Diagnostiqueur** : Wes Davis

**LOCATION BROSSARD INC**  
 2190 HYMUS  
 DORVAL, QC  
 CA H9P 1J7  
 Contact: Shawn Lamoureux  
 slamoureux@brossard.com

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.

T:  
F: