



Identité de la machine  
**HINO 1087**

Composant  
**Moteur diesel**

Fluid  
**PETRO CANADA DURON SHP 10W30 (--- GAL)**

**RECOMMENDATION**

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Aucune autre mesure corrective n'est recommandée pour l'instant.

**USURE**

Les taux de métaux sont typiques d'une première vidange.

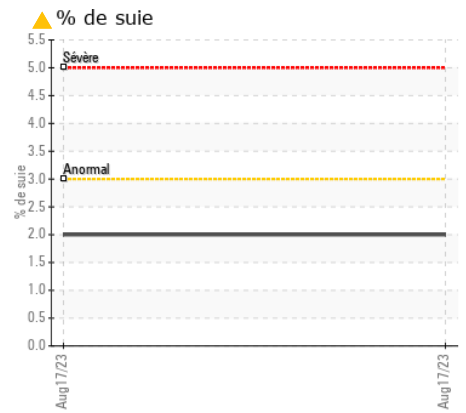
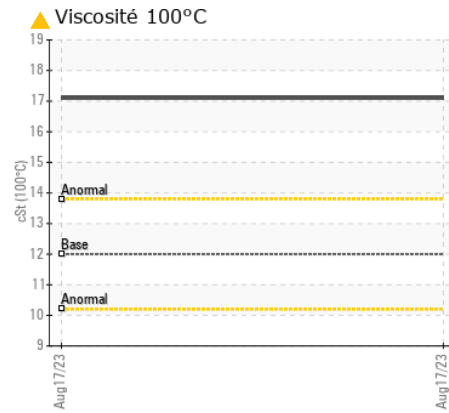
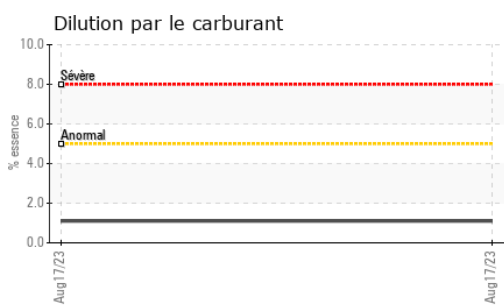
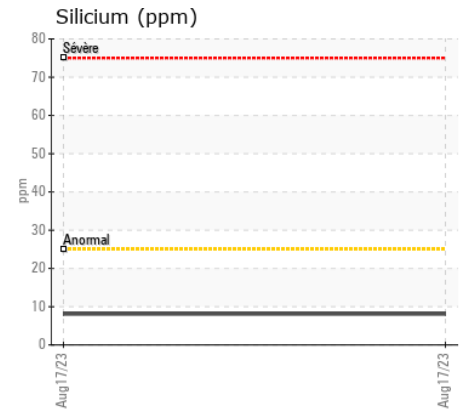
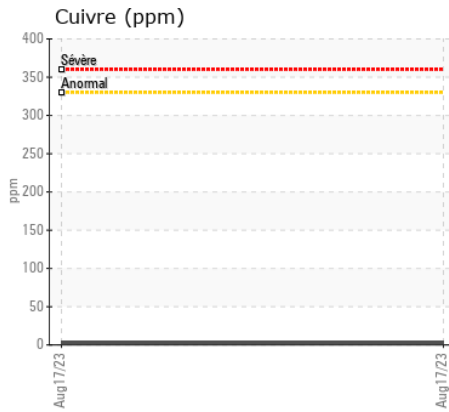
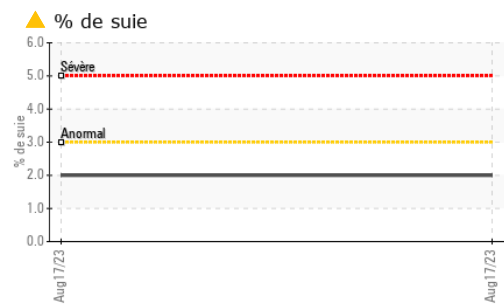
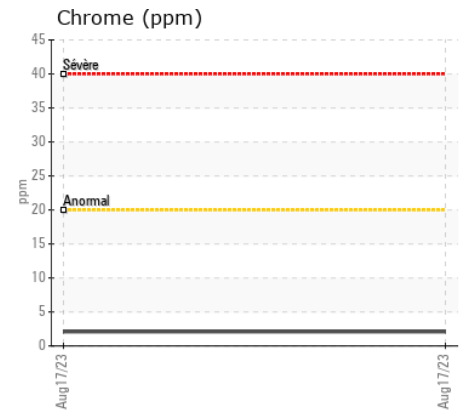
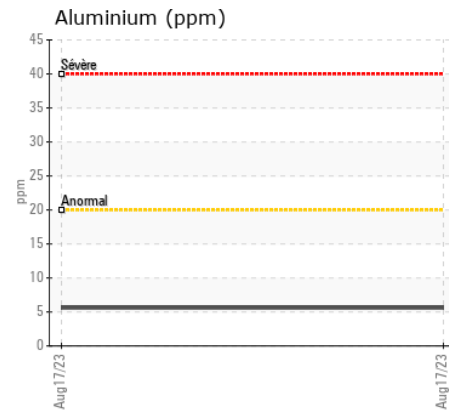
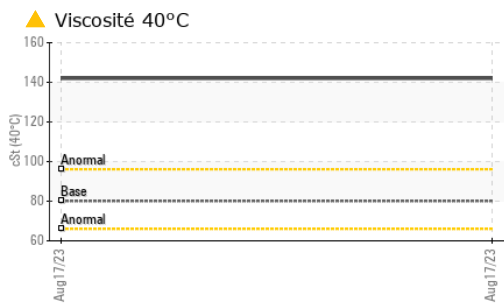
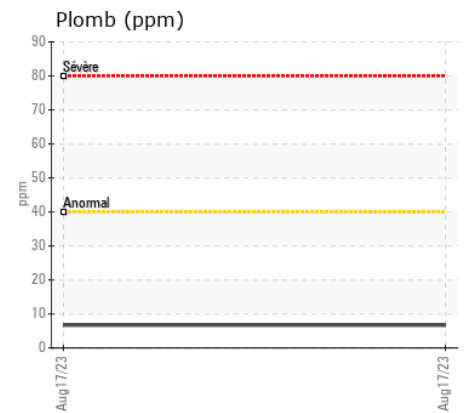
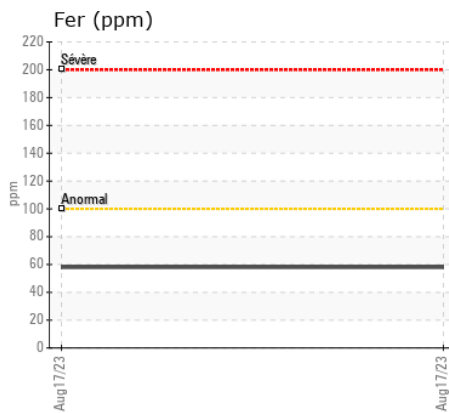
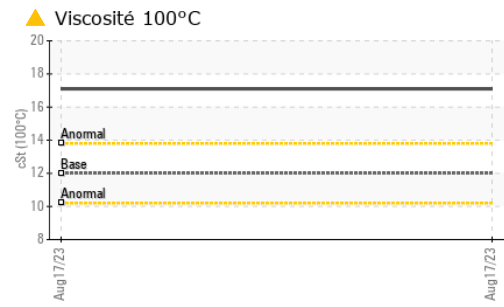
**CONTAMINATION**

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. Légère dilution de carburant dans l'huile. Légère concentration de carbone/suie dans l'huile. Aucun autre contaminant n'a été détecté dans l'huile.

**ÉTAT DU FLUIDE**

La viscosité de l'échantillon se situe dans la portée de l'SAE 20W50; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>PC0072217</b>	---	---
Date d'échant.		Client Info		<b>17 Aug 2023</b>	---	---
Âge d la Machine	kms	Client Info		<b>170434</b>	---	---
Âge de l'huile	kms	Client Info		<b>170434</b>	---	---
Âge du filtre	kms	Client Info		<b>170434</b>	---	---
Huile changée		Client Info		<b>Changed</b>	---	---
Filtre changé		Client Info		<b>Changed</b>	---	---
Statut de l'échant.				<b>ABNORMAL</b>	---	---
<b>Fer</b>	ppm	ASTM D5185(m)	>100	<b>58</b>	---	---
<b>Chrome</b>	ppm	ASTM D5185(m)	>20	<b>2</b>	---	---
<b>Nickel</b>	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	---	---
<b>Titane</b>	ppm	ASTM D5185(m)		<b>0</b>	---	---
<b>Argent</b>	ppm	ASTM D5185(m)	>3	<b>0</b>	---	---
<b>Aluminium</b>	ppm	ASTM D5185(m)	>20	<b>6</b>	---	---
<b>Plomb</b>	ppm	ASTM D5185(m)	>40	<b>7</b>	---	---
<b>Cuivre</b>	ppm	ASTM D5185(m)	>330	<b>3</b>	---	---
<b>Étain</b>	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	---	---
<b>Vanadium</b>	ppm	ASTM D5185(m)		<b>0</b>	---	---
<b>Silicium</b>	ppm	ASTM D5185(m)	>25	<b>8</b>	---	---
<b>Potassium</b>	ppm	ASTM D5185(m)	>20	<b>4</b>	---	---
<b>Essence</b>	%	ASTM D7593*	>5	<b>1.1</b>	---	---
<b>L'eau</b>		WC Method	>0.2	<b>NEG</b>	---	---
<b>Glycol</b>		WC Method		<b>NEG</b>	---	---
<b>% de suie</b>	%	ASTM D7844*	>3	<b>▲ 2</b>	---	---
<b>Nitration</b>	Abs/cm	ASTM D7624*	>20	<b>26.1</b>	---	---
<b>Sulfatation</b>	Abs/.1mm	ASTM D7415*	>30	<b>38.4</b>	---	---
<b>Eau émulsifiée</b>	scalar	Visual*	>0.2	<b>NEG</b>	---	---
<b>Sodium</b>	ppm	ASTM D5185(m)		<b>6</b>	---	---
<b>Bore</b>	ppm	ASTM D5185(m)	2	<b>4</b>	---	---
<b>Baryum</b>	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
<b>Molybdène</b>	ppm	ASTM D5185(m)	50	<b>70</b>	---	---
<b>Manganèse</b>	ppm	ASTM D5185(m)	0	<b>1</b>	---	---
<b>Magnésium</b>	ppm	ASTM D5185(m)	950	<b>1086</b>	---	---
<b>Calcium</b>	ppm	ASTM D5185(m)	1050	<b>1247</b>	---	---
<b>Phosphore</b>	ppm	ASTM D5185(m)	995	<b>1162</b>	---	---
<b>Zinc</b>	ppm	ASTM D5185(m)	1180	<b>1373</b>	---	---
<b>Soufre</b>	ppm	ASTM D5185(m)	2600	<b>2666</b>	---	---
<b>Oxydation</b>	Abs/.1mm	ASTM D7414*	>25	<b>49.4</b>	---	---
<b>Visc 40°C</b>	cSt	ASTM D7279(m)	80.1	<b>▲ 142</b>	---	---
<b>Visc 100°C</b>	cSt	ASTM D7279(m)	12.00	<b>▲ 17.1</b>	---	---
<b>Indice de viscosité (VI)</b>	Scale	ASTM D2270*	144	<b>130</b>	---	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0072217 **Reçu** : 12 Jan 2024  
**N° de laboratoire** : 02608481 **Diagnostiqué** : 16 Jan 2024  
**Numéro unique** : 5709567 **Diagnostiqueur** : Kevin Marson  
**Analyse** : MOB 1 ( Additional Tests: FUELDILUTION, KV40, PercentFuel, VI )

**Transport Dynapro**  
 10808 Cantin  
 Montreal Nord, QC  
 CA H1G 6P7  
 Contact: Pascal Perron  
 pascal.dynapro@gmail.com  
 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.