



Identité de la machine

**WESTERN STAR 4900SB 20**

Composant

**Moteur diesel**

Fluid

**PETRO CANADA DURON UHP 5W40 (--- 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>PC0020565</b>	PC0040906	---
Date d'échant.		Client Info		<b>16 Apr 2024</b>	15 Jan 2024	---
Âge d la Machine	hrs	Client Info		<b>11317</b>	10905	---
Âge de l'huile	hrs	Client Info		<b>411</b>	489	---
Âge du filtre	hrs	Client Info		<b>411</b>	489	---
Huile changée		Client Info		<b>Changed</b>	Changed	---
Filtre changé		Client Info		<b>Changed</b>	Changed	---
Statut de l'échant.				<b>NORMAL</b>	NORMAL	---

**USURE**

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

Fer	ppm	ASTM D5185(m)	>100	<b>45</b>	57	---
Chrome	ppm	ASTM D5185(m)	>20	<b>2</b>	2	---
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	---
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	6	---
Plomb	ppm	ASTM D5185(m)	>40	<b>1</b>	10	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	1	---
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

**CONTAMINATION**

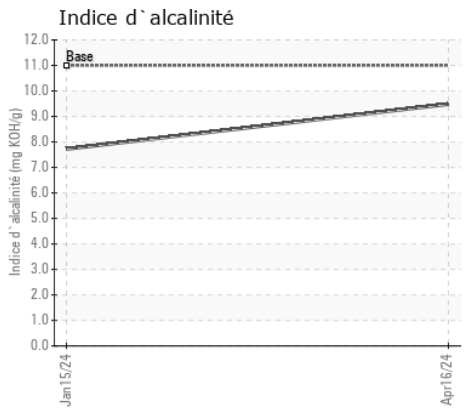
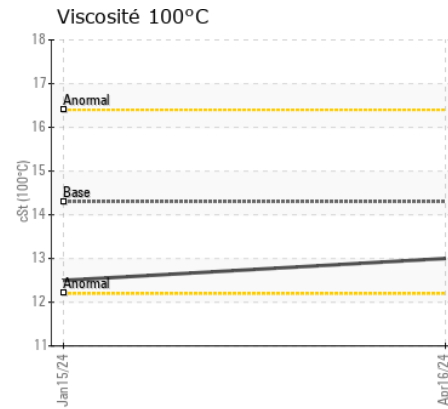
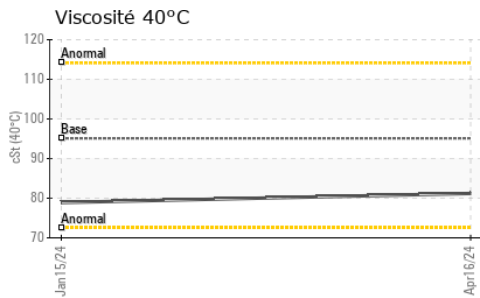
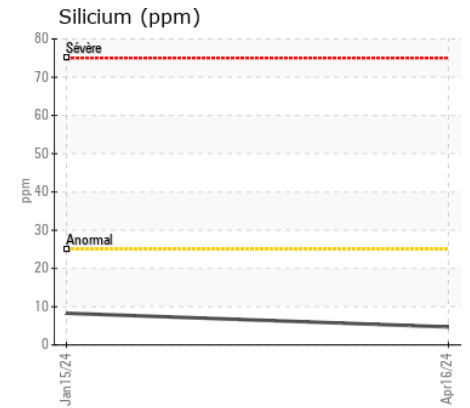
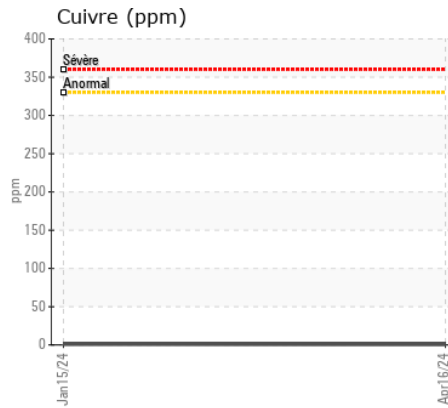
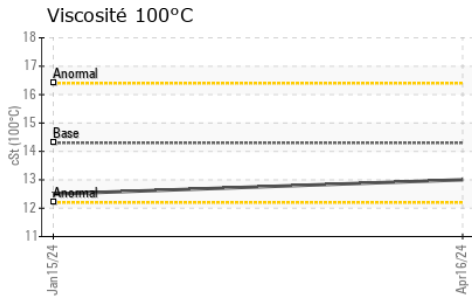
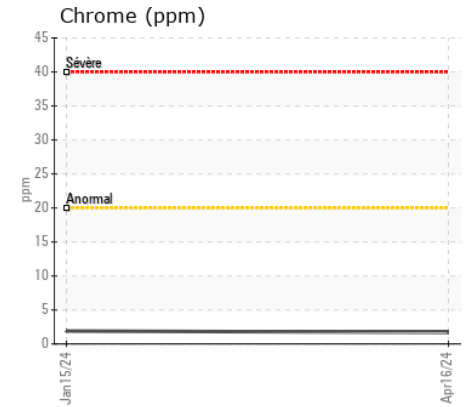
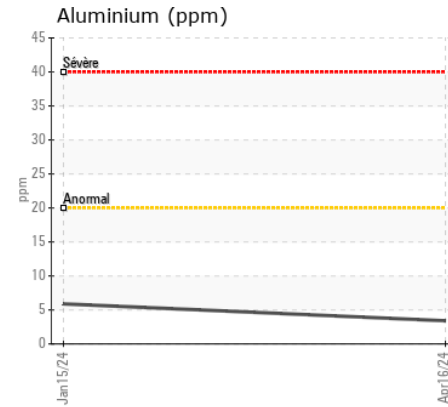
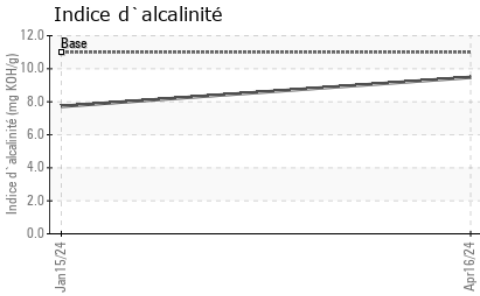
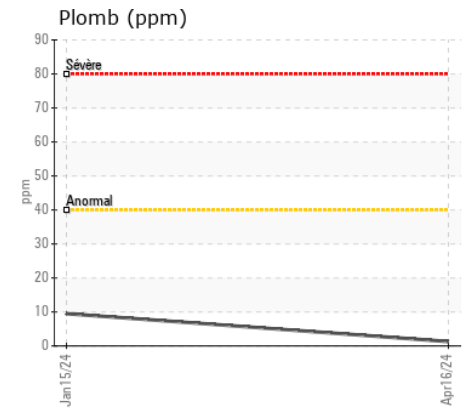
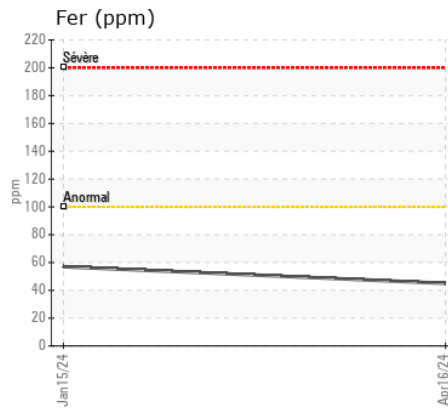
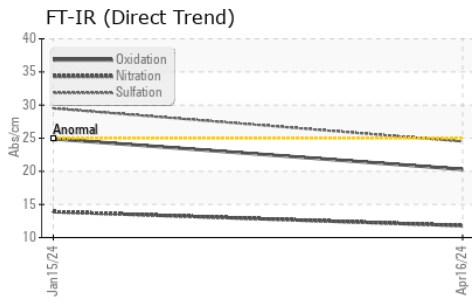
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>5</b>	8	---
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	6	---
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	---
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	---
Glycol		WC Method		<b>NEG</b>	NEG	---
% de suie	%	ASTM D7844*	>3	<b>0.9</b>	1.4	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>11.8</b>	13.9	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>24.5</b>	29.5	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

**ÉTAT DU FLUIDE**

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)		<b>10</b>	6	---
Bore	ppm	ASTM D5185(m)	65	<b>23</b>	14	---
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	---
Molybdène	ppm	ASTM D5185(m)	65	<b>58</b>	61	---
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	---
Magnésium	ppm	ASTM D5185(m)	1160	<b>1043</b>	1105	---
Calcium	ppm	ASTM D5185(m)	820	<b>965</b>	943	---
Phosphore	ppm	ASTM D5185(m)	1160	<b>989</b>	1048	---
Zinc	ppm	ASTM D5185(m)	1260	<b>1193</b>	1246	---
Soufre	ppm	ASTM D5185(m)	3000	<b>2596</b>	2781	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>20.3</b>	24.9	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*	11.0	<b>9.48</b>	7.72	---
Visc 40°C	cSt	ASTM D7279(m)	95.1	<b>81.2</b>	78.9	---
Visc 100°C	cSt	ASTM D7279(m)	14.3	<b>13.0</b>	12.5	---
Indice de viscosité (VI)	Scale	ASTM D2270*	169	<b>160</b>	156	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0020565  
**N° de laboratoire** : 02629892  
**Numéro unique** : 5763024  
**Analyse** : MOB 2 ( Additional Tests: KV40, VI )

**CONSTRUCTION ET PAVAGE PORTNEUF INC**  
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Pour discuter cette 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.