

Identité de la machine

## SP-01-0240-HYD HPU PIN STOP

Composant

Système hydraulique

Fluid

PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL (--- GAL)

### DIAGNOSTIC

#### Recommendation

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

#### Usure

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the component(unconfirmed).

#### État Du Fluide

Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

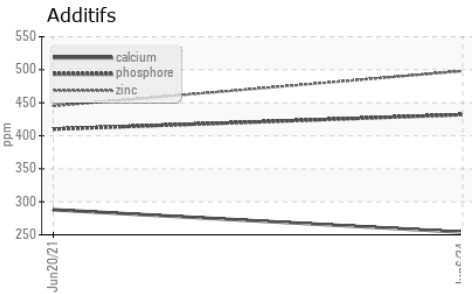
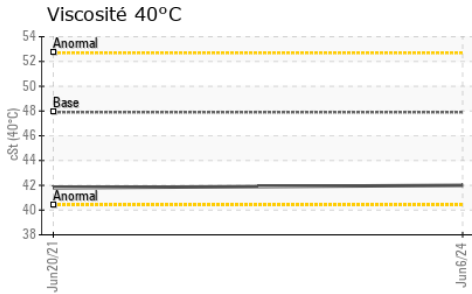
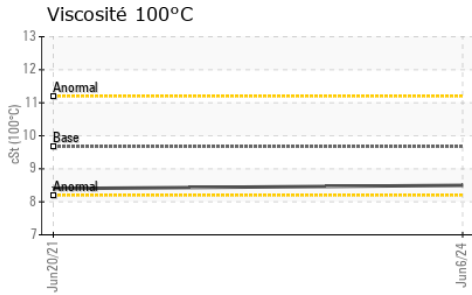
INFORMATION SUR L'ÉCHANTILLON		methode	limite/base	actuel	passé1	passé2
Numéro d'échant.	Client Info			<b>PC0078621</b>	PC0036916	---
Date d'échant.	Client Info			<b>06 Jun 2024</b>	20 Jun 2021	---
Âge d la Machine	yrs	Client Info		<b>9</b>	6	---
Âge de l'huile	yrs	Client Info		<b>9</b>	4	---
Huile changée	Client Info			<b>N/A</b>	Not Changd	---
Statut de l'échant.				<b>NORMAL</b>	NORMAL	---

CONTAMINATION		methode	limite/base	actuel	passé1	passé2
L'eau	WC Method		>0.1	<b>NEG</b>	NEG	---

MÉTAUX D'USURE		methode	limite/base	actuel	passé1	passé2
Fer	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---
Chrome	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	---
Argent	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Aluminium	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---
Plomb	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---
Cuivre	ppm	ASTM D5185(m)	>75	<b>&lt;1</b>	<1	---
Étain	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Antimoine	ppm	ASTM D5185(m)		<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Béryllium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	---

ADDITIFS		methode	limite/base	actuel	passé1	passé2
Bore	ppm	ASTM D5185(m)	0	<b>5</b>	6	---
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	---
Molybdène	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	2	---
Manganèse	ppm	ASTM D5185(m)	1	<b>0</b>	0	---
Magnésium	ppm	ASTM D5185(m)	0	<b>7</b>	9	---
Calcium	ppm	ASTM D5185(m)	100	<b>254</b>	288	---
Phosphore	ppm	ASTM D5185(m)	670	<b>432</b>	410	---
Zinc	ppm	ASTM D5185(m)	850	<b>498</b>	445	---
Soufre	ppm	ASTM D5185(m)	1600	<b>1243</b>	1257	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---

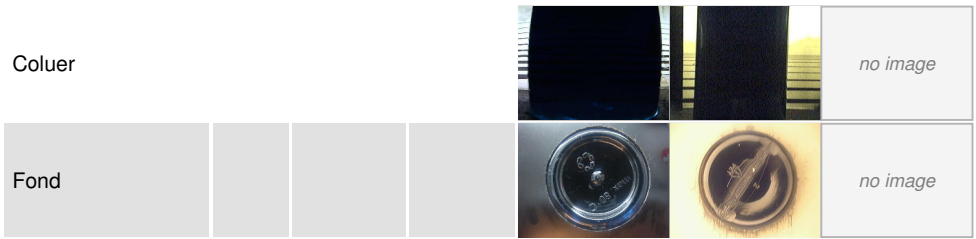
CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	---
Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---



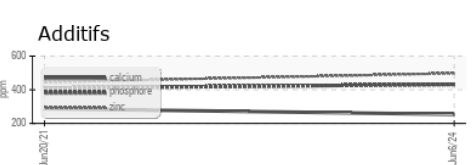
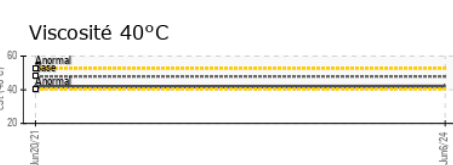
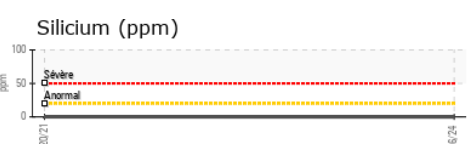
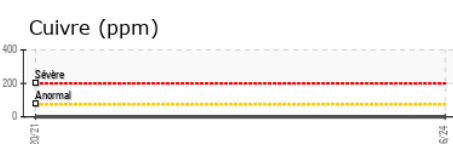
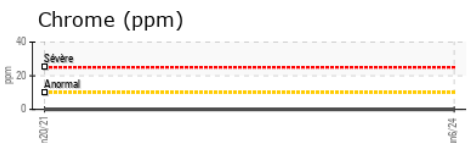
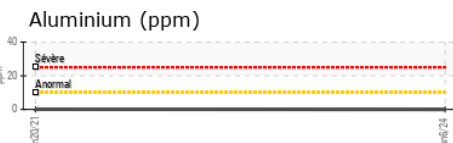
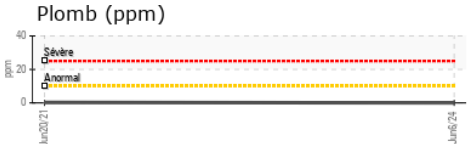
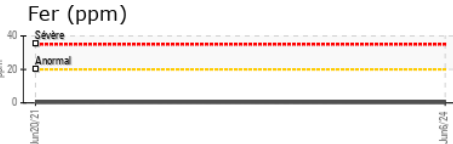
VISUEL	methode	limite/base	actuel	passé1	passé2
Métal blanc	scalar	Visual*	NONE	NONE	---
Bronze	scalar	Visual*	NONE	NONE	---
Préциpié	scalar	Visual*	NONE	NONE	---
Limon	scalar	Visual*	NONE	NONE	---
Débris	scalar	Visual*	NONE	NONE	---
Saleté	scalar	Visual*	NONE	NONE	---
Apparence	scalar	Visual*	NORML	NORML	---
Odeur	scalar	Visual*	NORML	NORML	---
Eau émulsifiée	scalar	Visual*	>0.1	NEG	---
Eau libre	scalar	Visual*		NEG	---

PROPRIÉTÉS DU FLUID	methode	limite/base	actuel	passé1	passé2
Visc 40°C	cSt	ASTM D7279(m)	47.9	41.8	---
Visc 100°C	cSt	ASTM D7279(m)	9.67	8.4	---
Indice de viscosité (VI)	Scale	ASTM D2270*	192	182	---

IMAGES DE L'ÉCHANTILLON	methode	limite/base	actuel	passé1	passé2
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## GRAPHIQUES



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0078621  
**N° de laboratoire** : 02640803  
**Numéro unique** : 5789965  
**Analyse** : MOB 1 ( Additional Tests: KV100, VI )  
**Reçu** : 10 Jun 2024  
**Tested** : 10 Jun 2024  
**Diagnostiqué** : 10 Jun 2024 - Wes Davis

**DAAQUAM**  
 43 RANG 6  
 ST-PAMPHILE, QC  
 CA 60R 3X0

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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