



Machine Id  
**140-47-1004**

Component  
**Hydraulic System**

Fluid  
**PETRO CANADA HYDREX AW 32 (--- GAL)**



## DIAGNOSIS

### Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon. Veuillez communiquer avec un représentant LUBE360 Oil Diagnostics au sujet de l'achat d'une trousse d'échantillonnage appropriée à vos besoins. Notez: nous recommandons d'acheter les trousse MOB 2 pour cet équipement, ce testkit inclut le Compte de Particule pour déterminer la propreté ISO du liquide.

### Wear

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

### Contamination

Il n'y a aucune indication de contamination dans le composant (non confirmée).

### Fluid Condition

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

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>PC0077353</b>	---	---
Sample Date	Client Info	<b>26 Jul 2023</b>	---	---
Machine Age	hrs Client Info	<b>0</b>	---	---
Oil Age	hrs Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>Changed</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Chromium ppm ASTM D5185(m)	>10	<b>0</b>	---	---
Nickel ppm ASTM D5185(m)	>10	<b>0</b>	---	---
Titanium ppm ASTM D5185(m)		<b>0</b>	---	---
Silver ppm ASTM D5185(m)		<b>0</b>	---	---
Aluminum ppm ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Lead ppm ASTM D5185(m)	>10	<b>1</b>	---	---
Copper ppm ASTM D5185(m)	>75	<b>12</b>	---	---
Tin ppm ASTM D5185(m)	>10	<b>0</b>	---	---
Antimony ppm ASTM D5185(m)		<b>0</b>	---	---
Vanadium ppm ASTM D5185(m)		<b>0</b>	---	---
Beryllium ppm ASTM D5185(m)		<b>0</b>	---	---
Cadmium ppm ASTM D5185(m)		<b>&lt;1</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Barium ppm ASTM D5185(m)	0	<b>0</b>	---	---
Molybdenum ppm ASTM D5185(m)	0	<b>0</b>	---	---
Manganese ppm ASTM D5185(m)	0	<b>0</b>	---	---
Magnesium ppm ASTM D5185(m)	0	<b>6</b>	---	---
Calcium ppm ASTM D5185(m)	50	<b>47</b>	---	---
Phosphorus ppm ASTM D5185(m)	330	<b>294</b>	---	---
Zinc ppm ASTM D5185(m)	430	<b>333</b>	---	---
Sulfur ppm ASTM D5185(m)	760	<b>1685</b>	---	---
Lithium ppm ASTM D5185(m)		<b>&lt;1</b>	---	---

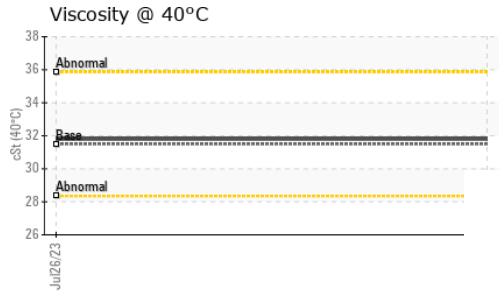
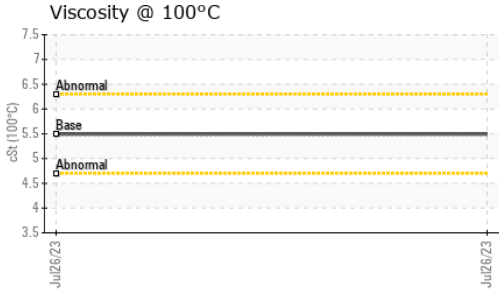
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Sodium ppm ASTM D5185(m)		<b>1</b>	---	---
Potassium ppm ASTM D5185(m)	>20	<b>0</b>	---	---

## VISUAL

method	limit/base	current	history1	history2
White Metal scalar Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal scalar Visual*	NONE	<b>NONE</b>	---	---
Precipitate scalar Visual*	NONE	<b>NONE</b>	---	---
Silt scalar Visual*	NONE	<b>NONE</b>	---	---
Debris scalar Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt scalar Visual*	NONE	<b>NONE</b>	---	---
Appearance scalar Visual*	NORML	<b>NORML</b>	---	---
Odor scalar Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water scalar Visual*	>0.1	<b>NEG</b>	---	---
Free Water scalar Visual*		<b>NEG</b>	---	---

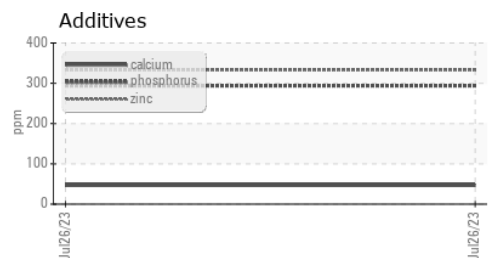
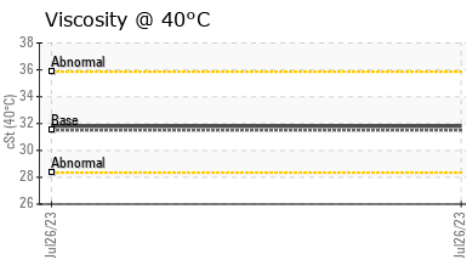
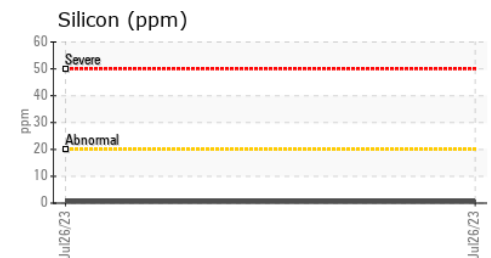
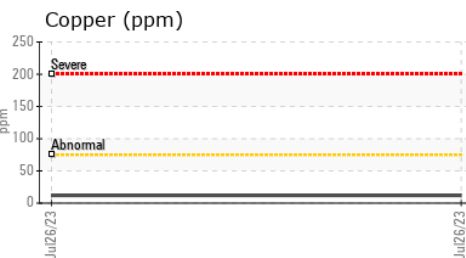
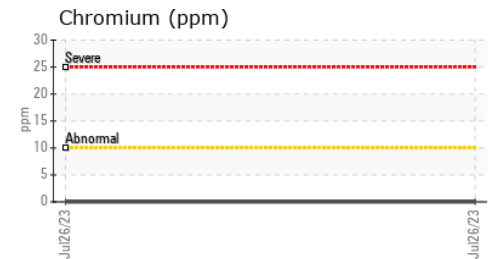
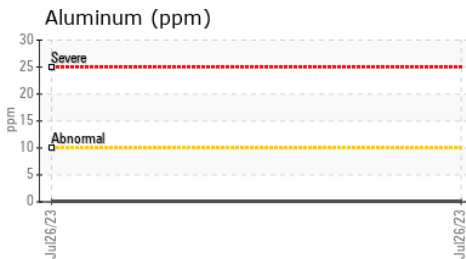
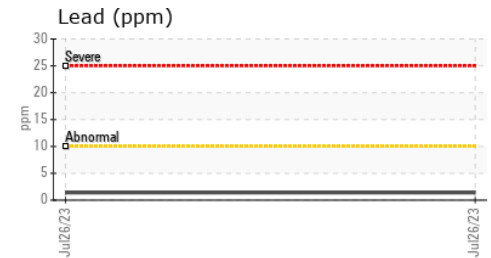
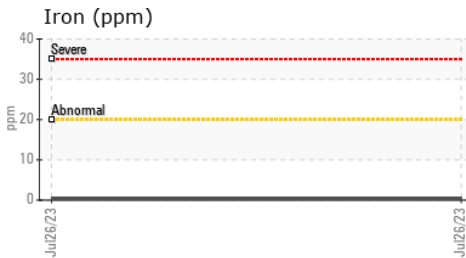
# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	31.5	<b>31.8</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	5.48	<b>5.5</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	110	<b>109</b>	---	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0077353 **Received** : 27 Jul 2023  
**Lab Number** : 02572693 **Diagnosed** : 27 Jul 2023  
**Unique Number** : 5617744 **Diagnostician** : Wes Davis  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI )

**NOURYON**  
 1900 RUE ST-PATRICE EST  
 MAGOG, QC  
 CA J1X 3W5  
 Contact: Sandra Lemieux  
 sandra.lemieux@nouryon.com

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.

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F: