



# RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

## Equipment de Pont

Identité de la machine

### 17A02D Guindeau (S/N C-1084)

Composant

### Système hydraulique Avant

Fluid

### PETRO CANADA HYDREX MV ARCTIC 15 (400 LTR)

#### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>WC0878510</b>	WC0811230	WC0549536
Date d'échant.		Client Info		<b>20 Mar 2024</b>	24 Oct 2023	02 Apr 2023
Âge d la Machine	hrs	Client Info		<b>0</b>	0	0
Âge de l'huile	hrs	Client Info		<b>0</b>	0	0
Âge du filtre	hrs	Client Info		<b>0</b>	0	0
Huile changée		Client Info		<b>Not Chngd</b>	N/A	Not Chngd
Filtre changé		Client Info		<b>Not Chngd</b>	N/A	Not Chngd
Statut de l'échant.				<b>NORMAL</b>	ABNORMAL	NORMAL

#### USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	<1
Chrome	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Aluminium	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Plomb	ppm	ASTM D5185(m)	>20	<b>2</b>	3	2
Cuivre	ppm	ASTM D5185(m)	>20	<b>1</b>	1	<1
Étain	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

#### CONTAMINATION

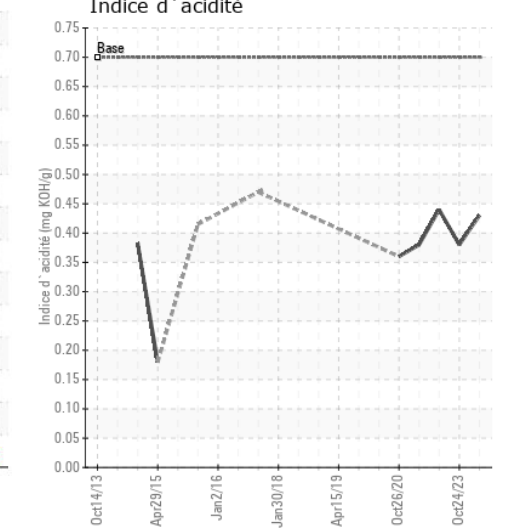
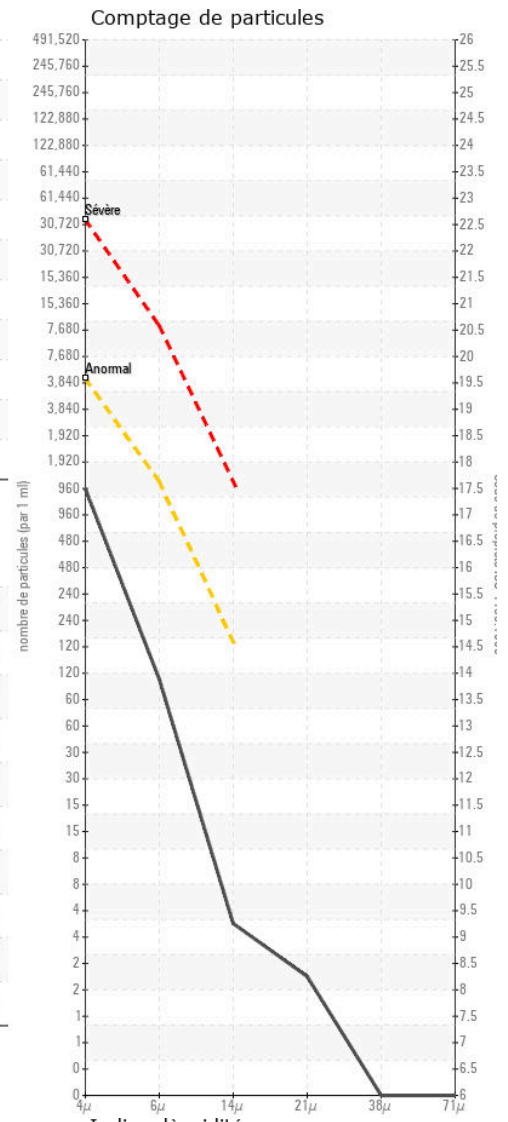
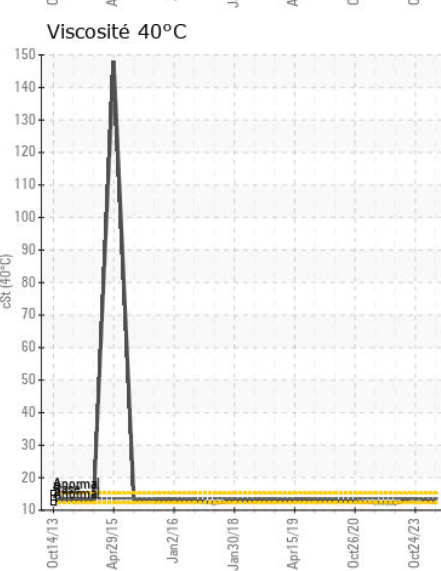
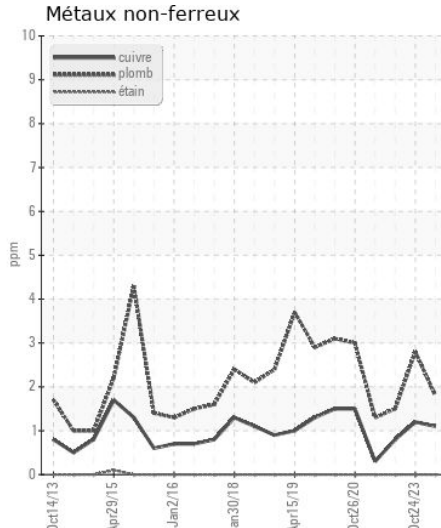
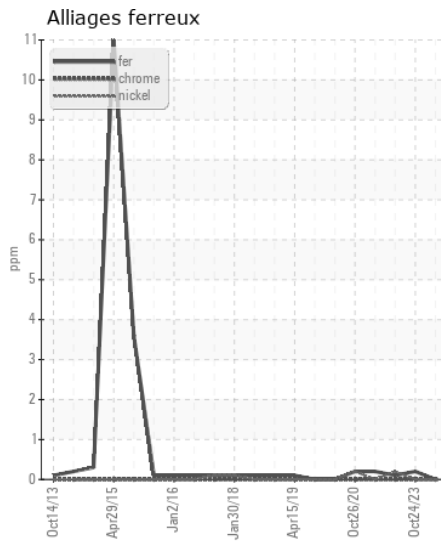
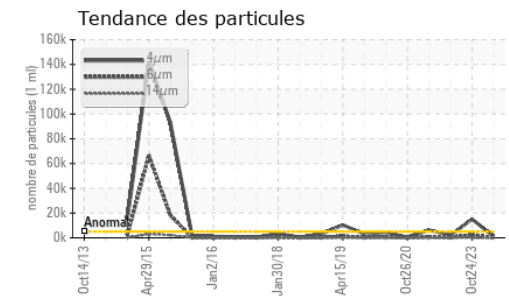
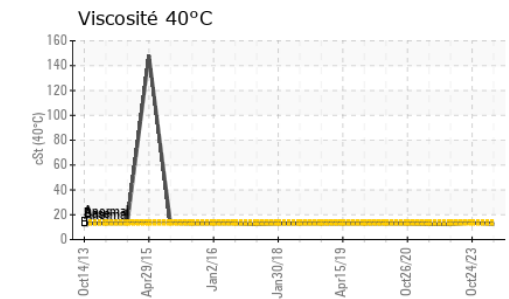
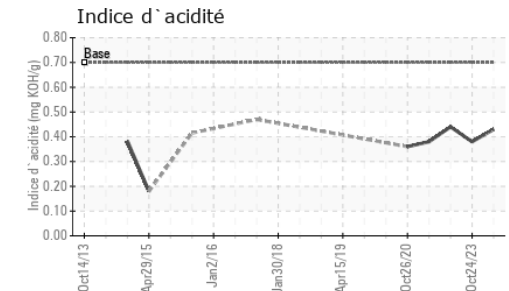
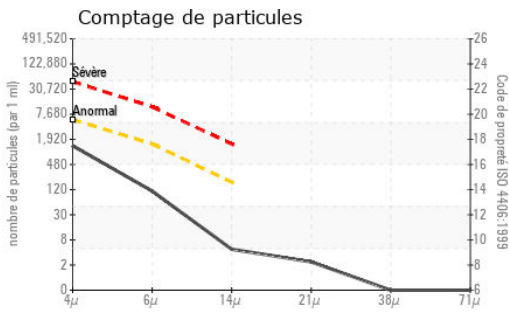
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Silicium	ppm	ASTM D5185(m)	>15	<b>0</b>	1	<1
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
L'eau		WC Method	>0.05	<b>NEG</b>	NEG	NEG
Particules >4µ		ASTM D7647	>5000	<b>1186</b>	▲ 15071	2050
Particules >6µ		ASTM D7647	>1300	<b>98</b>	● 2403	284
Particules >14µ		ASTM D7647	>160	<b>4</b>	29	12
Particules >21µ		ASTM D7647	>40	<b>2</b>	3	2
Particules >38µ		ASTM D7647	>10	<b>0</b>	0	0
Particules >71µ		ASTM D7647	>3	<b>0</b>	0	0
Propreté de l'huile		ISO 4406 (c)	>19/17/14	<b>17/14/9</b>	▲ 21/18/12	18/15/11
Limon	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Débris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.05	<b>NEG</b>	NEG	NEG

#### ÉTAT DU FLUIDE

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	0
Bore	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	<1
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Magnésium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	0
Calcium	ppm	ASTM D5185(m)	50	<b>46</b>	47	49
Phosphore	ppm	ASTM D5185(m)	330	<b>278</b>	283	314
Zinc	ppm	ASTM D5185(m)	430	<b>356</b>	355	355
Soufre	ppm	ASTM D5185(m)	760	<b>667</b>	677	721
Indice d'acidité	mg KOH/g	ASTM D974*	0.70	<b>0.43</b>	0.38	0.44
Visc 40°C	cSt	ASTM D7279(m)	13.6	<b>12.4</b>	13.5	12.2



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WC0878510  
**N° de laboratoire** : 02624284  
**Numéro unique** : 5749403  
**Analyse** : MAR 2

**Canadian Coast Guard**  
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 CA G1K 7Y7  
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 amundsense@ccgs-ngcc.gc.ca  
 T: (418)953-8233  
 F: x:

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.