



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

Equipment de Pont

Identité de la machine

Obsolete 17C01F#4 Grue Arriere Tribord (HEPBURN) (S/N C-10082)

Composant

Grue Arrière

Fluide

PETRO CANADA HYDREX MV ARCTIC 15 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0811231	WC0751402	WC0392708
Date d'échant.		Client Info		23 Oct 2023	30 Mar 2023	13 Mar 2020
Âge d la Machine	hrs	Client Info		452	364	0
Âge de l'huile	hrs	Client Info		452	364	0
Âge du filtre	hrs	Client Info		260	172	0
Huile changée		Client Info		N/A	Not Changd	N/A
Filtre changé		Client Info		N/A	Not Changd	N/A
Statut de l'échant.				NORMAL	NORMAL	ATTENTION

USURE

All component wear rates are normal.

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

CONTAMINATION

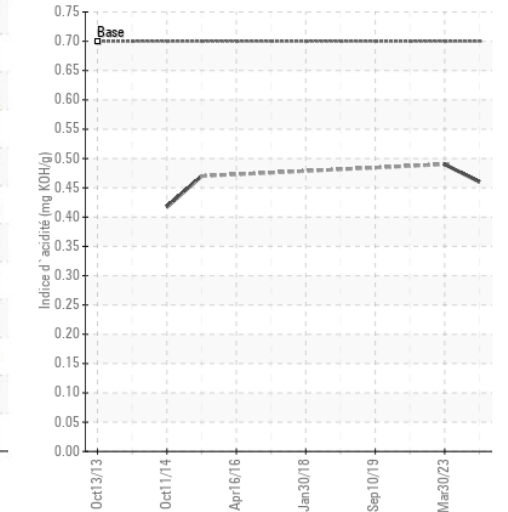
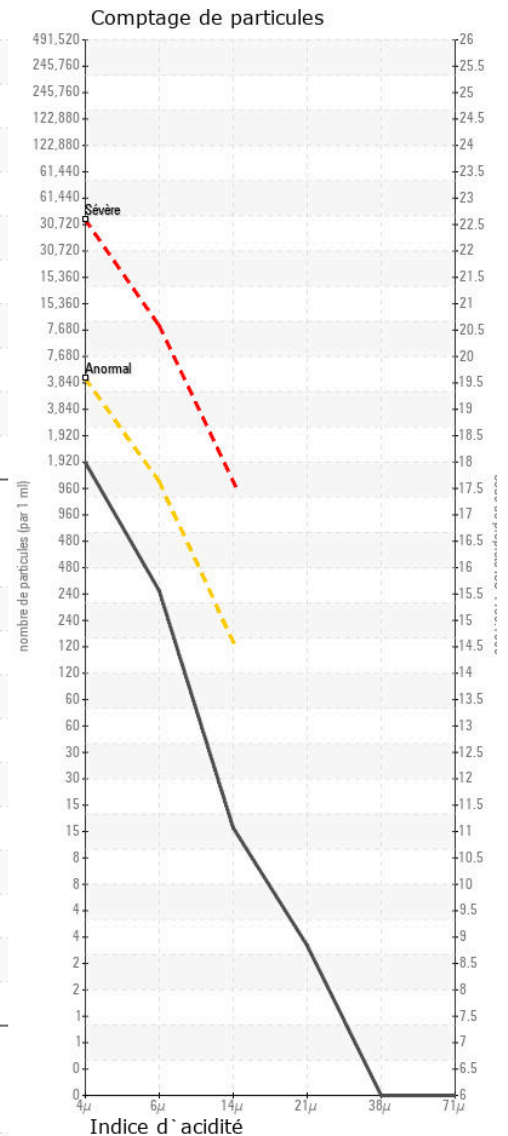
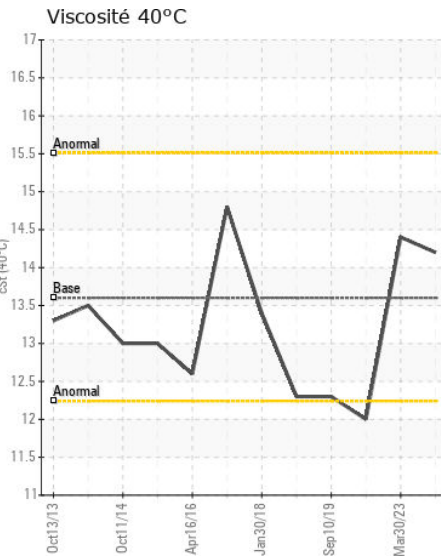
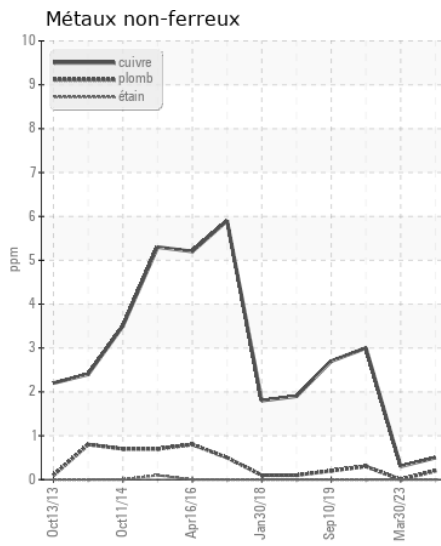
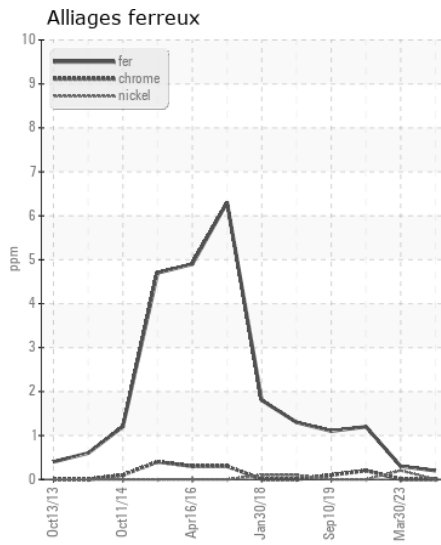
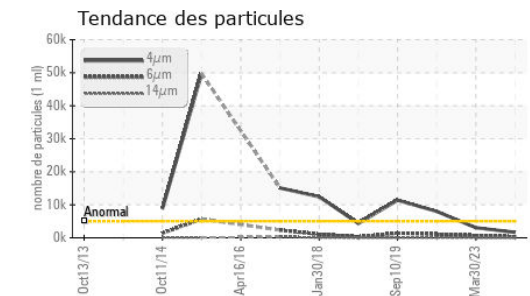
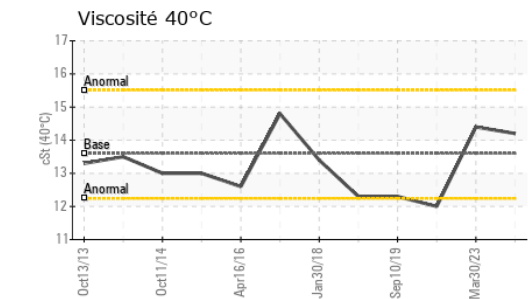
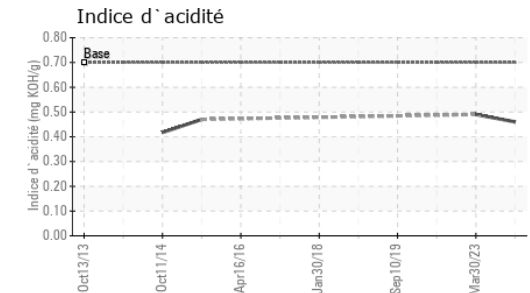
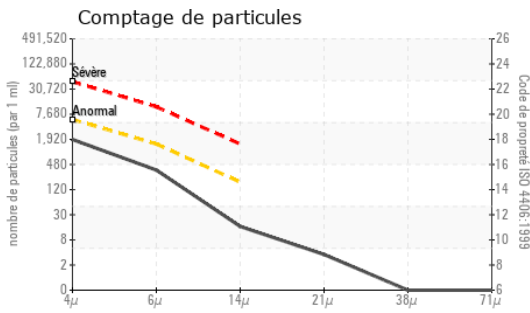
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Silicium	ppm	ASTM D5185(m)	>15	<1	<1	<1
Potassium	ppm	ASTM D5185(m)	>20	0	<1	<1
Particules >4µ		ASTM D7647	>5000	1670	3055	▲ 8005
Particules >6µ		ASTM D7647	>1300	311	669	1079
Particules >14µ		ASTM D7647	>160	14	14	50
Particules >21µ		ASTM D7647	>40	3	2	19
Particules >38µ		ASTM D7647	>10	0	0	2
Particules >71µ		ASTM D7647	>3	0	0	0
Propreté de l'huile		ISO 4406 (c)	>19/17/14	18/15/11	19/17/11	▲ 20/17/13
Limon	scalar	Visual*	NONE	NONE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	NONE	NONE
Saleté	scalar	Visual*	NONE	NONE	NONE	NONE
Apparence	scalar	Visual*	NORML	NORML	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.05	NEG	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)		0	0	0
Bore	ppm	ASTM D5185(m)	0	0	0	<1
Baryum	ppm	ASTM D5185(m)	0	<1	0	<1
Molybdène	ppm	ASTM D5185(m)	0	0	0	0
Manganèse	ppm	ASTM D5185(m)	0	0	0	0
Magnésium	ppm	ASTM D5185(m)	0	0	0	<1
Calcium	ppm	ASTM D5185(m)	50	53	54	64
Phosphore	ppm	ASTM D5185(m)	330	351	389	322
Zinc	ppm	ASTM D5185(m)	430	444	438	402
Soufre	ppm	ASTM D5185(m)	760	1565	1643	813
Indice d'acidité	mg KOH/g	ASTM D974*	0.70	0.46	0.49	---
Visc 40°C	cSt	ASTM D7279(m)	13.6	14.2	14.4	12.0



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0811231
N° de laboratoire : 02593220
Numéro unique : 5670299
Analyse : MAR 2

Canadian Coast Guard
 CCGS Amundsen, 101 Boul. Champlain
 Quebec, QC
 CA G1K 7Y7
 Contact: Chief Engineer
 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.