



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

Equipment de Pont/Entrepont

Identité de la machine

17B01#3 Treuil d'amarrage Arriere Babord (S/N C-10095)

Composant

Treuil Arrière

Fluid

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		WC0878503	WC0811237	WC0627033
Date d'échant.		Client Info		20 Mar 2024	24 Oct 2023	31 Mar 2023
Âge d la Machine	hrs	Client Info		0	0	0
Âge de l'huile	hrs	Client Info		0	0	0
Âge du filtre	hrs	Client Info		0	0	0
Huile changée		Client Info		Not Chngd	N/A	Not Chngd
Filtre changé		Client Info		Not Chngd	N/A	Not Chngd
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>30	<1	<1	<1
Chrome	ppm	ASTM D5185(m)	>2	0	0	0
Nickel	ppm	ASTM D5185(m)	>2	0	0	0
Titane	ppm	ASTM D5185(m)	>2	0	0	0
Argent	ppm	ASTM D5185(m)	>2	0	<1	0
Aluminium	ppm	ASTM D5185(m)	>5	0	0	0
Plomb	ppm	ASTM D5185(m)	>70	<1	2	2
Cuivre	ppm	ASTM D5185(m)	>65	7	7	7
Étain	ppm	ASTM D5185(m)	>9	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

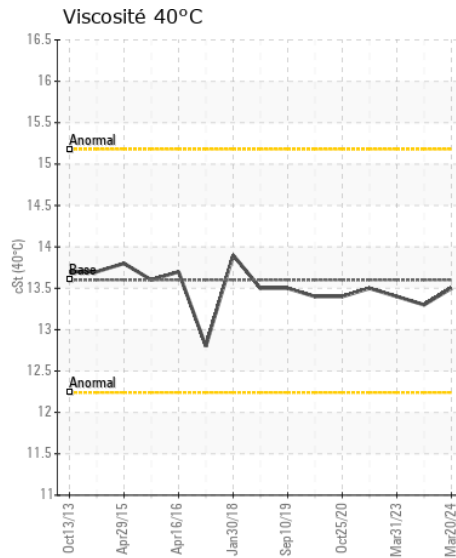
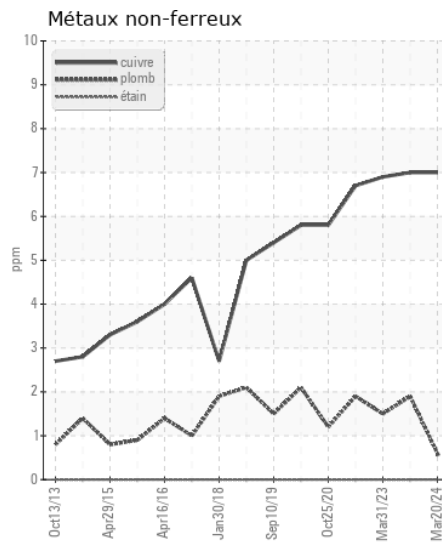
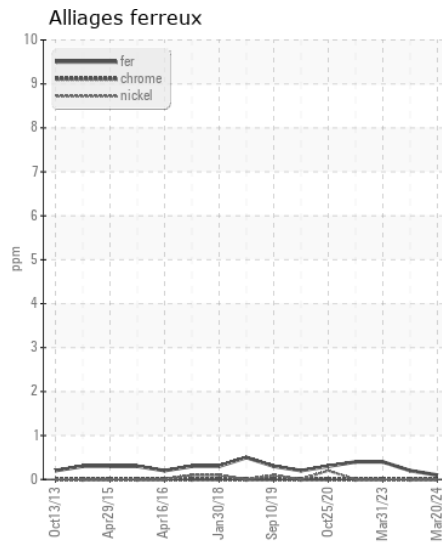
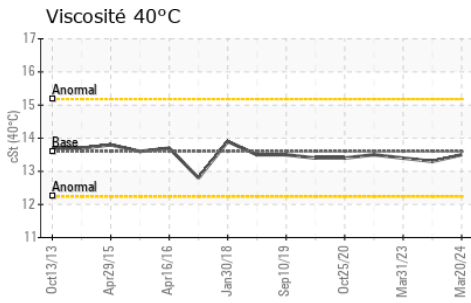
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>30	0	<1	<1
Potassium	ppm	ASTM D5185(m)	>20	0	0	<1
L'eau		WC Method	>0.2	NEG	NEG	NEG
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*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<1	0	<1
Bore	ppm	ASTM D5185(m)	0	<1	0	<1
Baryum	ppm	ASTM D5185(m)	0	<1	<1	0
Molybdène	ppm	ASTM D5185(m)	0	0	0	0
Manganèse	ppm	ASTM D5185(m)	0	0	0	0
Magnésium	ppm	ASTM D5185(m)	0	<1	<1	<1
Calcium	ppm	ASTM D5185(m)	50	134	134	143
Phosphore	ppm	ASTM D5185(m)	330	231	233	271
Zinc	ppm	ASTM D5185(m)	430	314	315	320
Soufre	ppm	ASTM D5185(m)	760	615	624	667
Visc 40°C	cSt	ASTM D7279(m)	13.6	13.5	13.3	13.4



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0878503
N° de laboratoire : 02624278
Numéro unique : 5749397
Analyse : MAR 1

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 Quebec, QC
 CA G1K 7Y7
 Contact: Chief Engineer
 amundsense@ccgs-ngcc.gc.ca
 T: (418)953-8233
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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.