



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL



Secteur
(363346) IRON SHORING
Identité de la machine
223
Composant
Système hydraulique
Fluid
PETRO CANADA HYDREX AW 46 (200 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0920803	LH0202924	LH0275128
Date d'échant.		Client Info		21 Mar 2024	27 Sep 2023	22 Aug 2023
Âge d la Machine	hrs	Client Info		0	2028	2026
Âge de l'huile	hrs	Client Info		0	0	0
Âge du filtre	hrs	Client Info		0	0	0
Huile changée		Client Info		N/A	Changed	Changed
Filtre changé		Client Info		N/A	N/A	N/A
Statut de l'échant.				NORMAL	ABNORMAL	ATTENTION

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>20	1	<1	4
Chrome	ppm	ASTM D5185(m)	>10	0	0	<1
Nickel	ppm	ASTM D5185(m)	>10	0	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)		0	<1	0
Aluminium	ppm	ASTM D5185(m)	>10	0	0	<1
Plomb	ppm	ASTM D5185(m)	>10	0	1	2
Cuivre	ppm	ASTM D5185(m)	>75	<1	<1	14
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

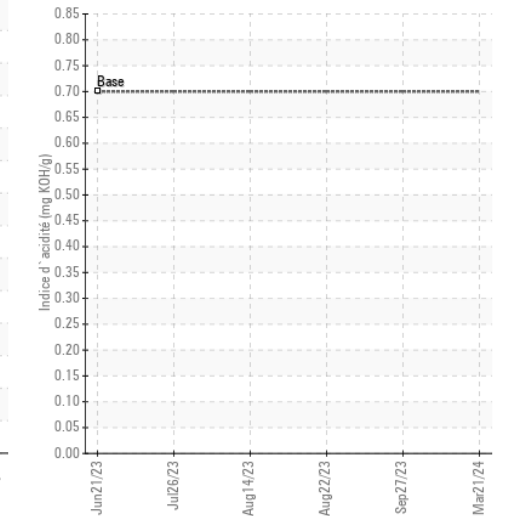
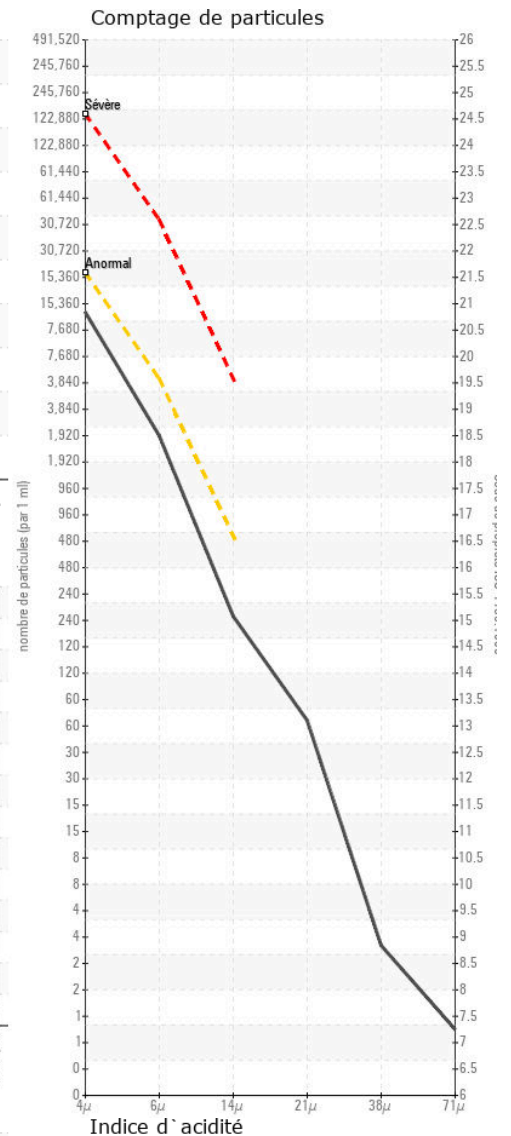
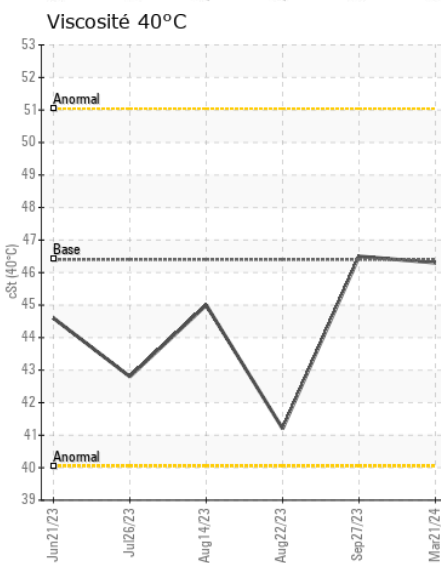
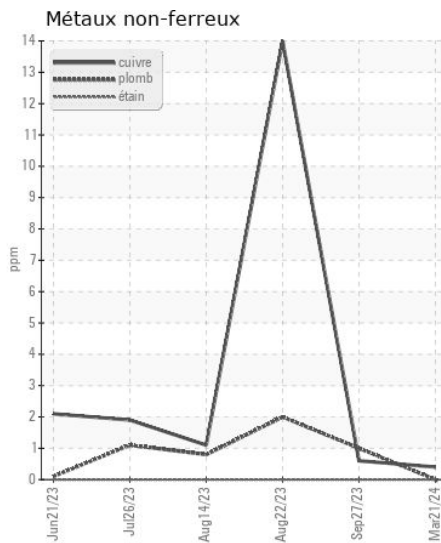
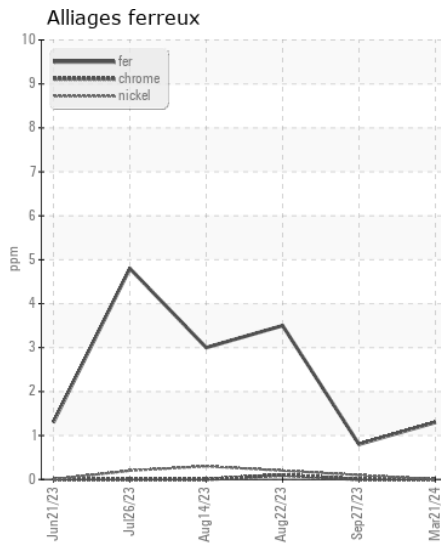
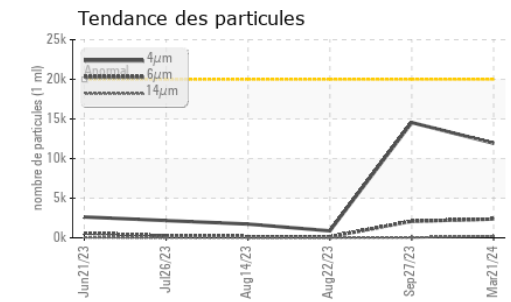
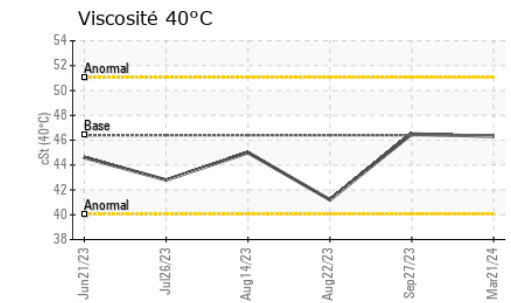
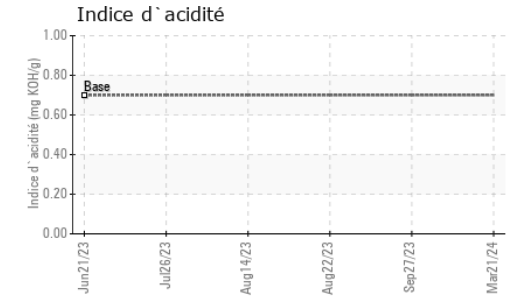
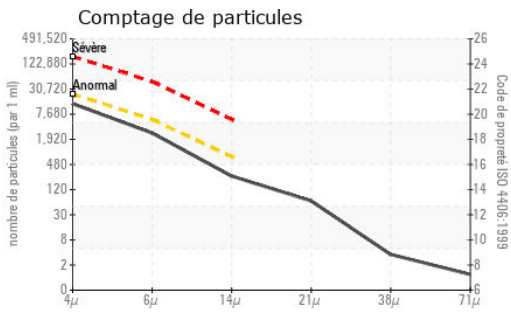
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Silicium	ppm	ASTM D5185(m)	>20	0	<1	3
Potassium	ppm	ASTM D5185(m)	>20	<1	0	<1
L'eau		WC Method	>0.1	NEG	NEG	NEG
Particules >4µ		ASTM D7647	>20000	11935	14546	881
Particules >6µ		ASTM D7647	>5000	2369	2088	124
Particules >14µ		ASTM D7647	>640	223	35	14
Particules >21µ		ASTM D7647	>160	57	7	6
Particules >38µ		ASTM D7647	>40	3	1	1
Particules >71µ		ASTM D7647	>10	1	0	1
Propreté de l'huile		ISO 4406 (c)	>21/19/16	21/18/15	21/18/12	17/14/11
Limon	scalar	Visual*	NONE	NONE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	NONE	VLITE
Saleté	scalar	Visual*	NONE	VLITE	NONE	NONE
Apparence	scalar	Visual*	NORML	NORML	▲ MILKY	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.1	NEG	▲ .5%	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	<1	2
Bore	ppm	ASTM D5185(m)	0	0	<1	<1
Baryum	ppm	ASTM D5185(m)	0	0	<1	<1
Molybdène	ppm	ASTM D5185(m)	0	0	0	<1
Manganèse	ppm	ASTM D5185(m)	0	0	0	<1
Magnésium	ppm	ASTM D5185(m)	0	2	<1	3
Calcium	ppm	ASTM D5185(m)	50	156	197	112
Phosphore	ppm	ASTM D5185(m)	330	643	623	● 895
Zinc	ppm	ASTM D5185(m)	430	816	798	● 1099
Soufre	ppm	ASTM D5185(m)	760	1584	1673	● 2335
Indice d'acidité	mg KOH/g	ASTM D974*	0.70	0.84	---	---
Visc 40°C	cSt	ASTM D7279(m)	46.4	46.3	46.5	41.2



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0920803
N° de laboratoire : 02629246
Numéro unique : 5762378
Analyse : MOBCE (Additional Tests: TAN Man)
Reçu : 16 Apr 2024
Tested : 17 Apr 2024
Diagnostiqué : 17 Apr 2024 - Wes Davis

RONI/IRON SHORE EXCAVATING LTD.
 100 MACINTOSH BLVD
 VAUGHAN, ON
 CA L4K 4P3
 Contact: Service Team
 service.team@roni.ca

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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F: