



RAPPORT D'ANALYSE D'HUILE

USURE
CONTAMINATION
ÉTAT DU FLUIDE

ATTENTION
ANORMAL
NORMAL



Secteur

(363346) IRON SHORING

Identité de la machine

223

Composant

Moyeu de roue Arrière gauche

Fluid

PETRO CANADA TRAXON 80W90 (--- GAL)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0920800	LH0275278	LH0275287
Date d'échant.		Client Info		21 Mar 2024	28 Aug 2023	22 Aug 2023
Âge d la Machine	hrs	Client Info		0	2206	2706
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	N/A	Changed
Filtre changé		Client Info		N/A	N/A	N/A
Statut de l'échant.				ABNORMAL	NORMAL	NORMAL

USURE

Aluminum ppm levels are noted. All other component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>500	269	260	172
Chrome	ppm	ASTM D5185(m)	>8	1	4	2
Nickel	ppm	ASTM D5185(m)	>5	1	<1	<1
Titane	ppm	ASTM D5185(m)		3	<1	<1
Argent	ppm	ASTM D5185(m)		0	0	0
Aluminium	ppm	ASTM D5185(m)	>5	48	2	3
Plomb	ppm	ASTM D5185(m)	>5	0	<1	<1
Cuivre	ppm	ASTM D5185(m)	>50	<1	1	<1
Étain	ppm	ASTM D5185(m)		0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	VLITE	VLITE
Bronze	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

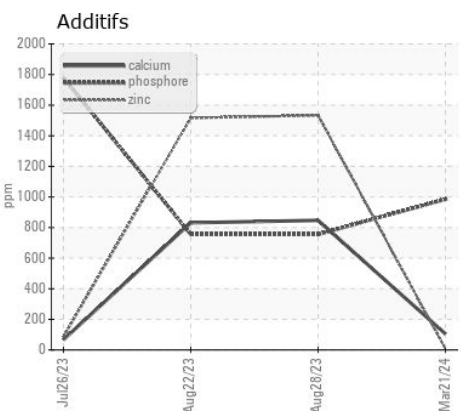
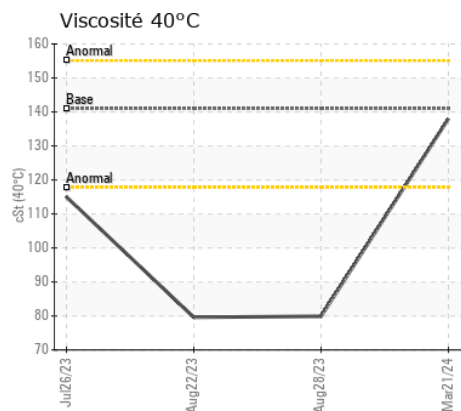
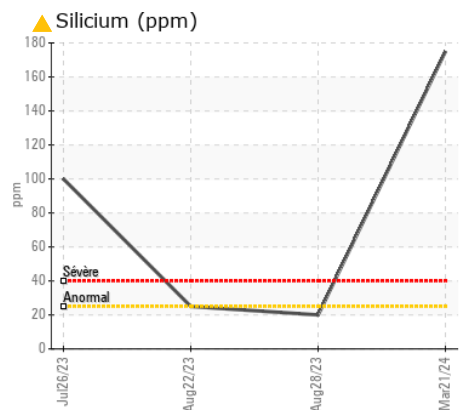
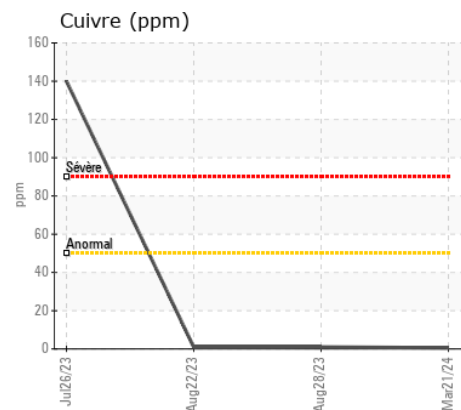
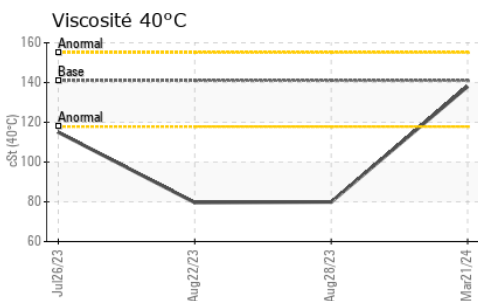
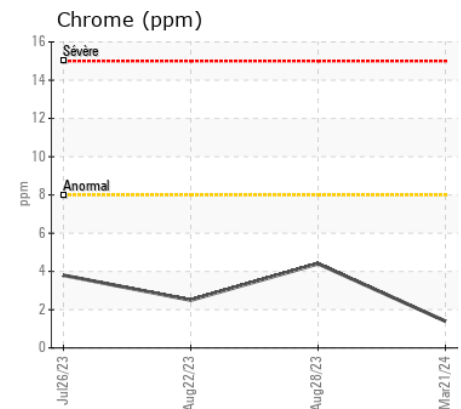
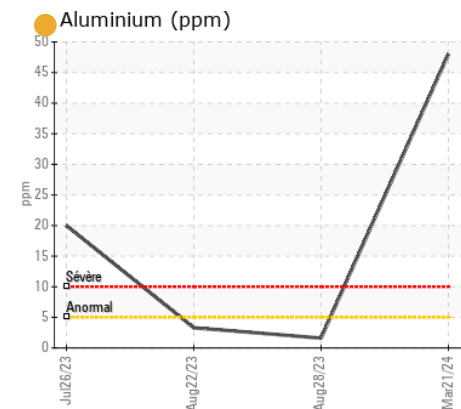
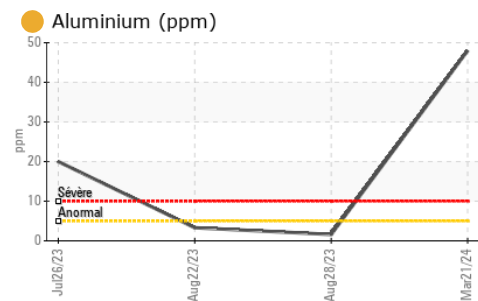
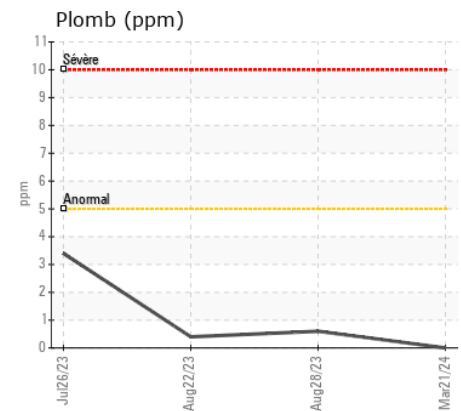
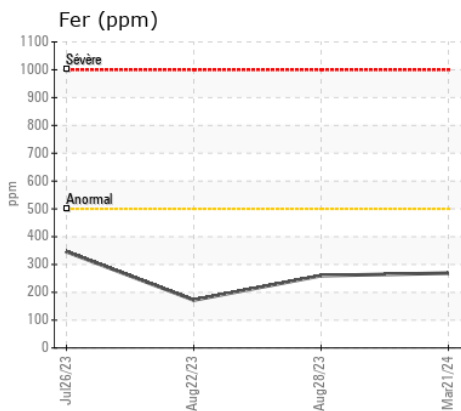
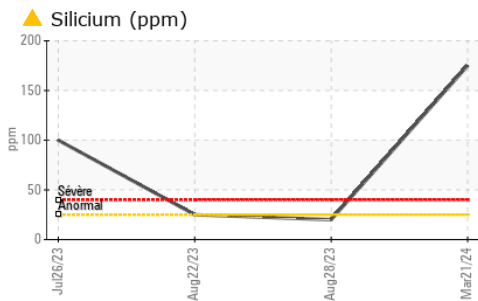
Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

Silicium	ppm	ASTM D5185(m)	>25	▲ 175	20	25
Potassium	ppm	ASTM D5185(m)	>20	19	<1	<1
L'eau		WC Method	>0.2	NEG	NEG	NEG
Limon	scalar	Visual*	NONE	VLITE	VLITE	LIGHT
Débris	scalar	Visual*	NONE	VLITE	VLITE	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 oil is no longer serviceable due to the presence of contaminants.

Sodium	ppm	ASTM D5185(m)		8	7	7
Bore	ppm	ASTM D5185(m)	243	225	113	113
Baryum	ppm	ASTM D5185(m)	1	<1	8	8
Molybdène	ppm	ASTM D5185(m)		0	<1	<1
Manganèse	ppm	ASTM D5185(m)		2	4	2
Magnésium	ppm	ASTM D5185(m)	2	17	4	3
Calcium	ppm	ASTM D5185(m)	6	105	847	831
Phosphore	ppm	ASTM D5185(m)	987	985	756	756
Zinc	ppm	ASTM D5185(m)	1	8	1533	1516
Soufre	ppm	ASTM D5185(m)	21530	17189	4752	4894
Visc 40°C	cSt	ASTM D7279(m)	141.0	138	79.9	79.6



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : WC0920800

N° de laboratoire : 02629284

Numéro unique : 5762416

Analyse : MOBCE (Additional Tests: Visual)

Reçu : 16 Apr 2024

Tested : 16 Apr 2024

Diagnostiqué : 17 Apr 2024 - Kevin Marson

RONI/IRON SHORE EXCAVATING LTD.

100 MACINTOSH BLVD

VAUGHAN, ON

CA L4K 4P3

Contact: Service Team

service.team@roni.ca

T:

F:

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.