



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE
Identité de la machine
WACKER 76108

Composant
Moteur diesel

Fluid
PETRO CANADA SYNTHETIC BLEND SAE 10W40 (--- GAL)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill.
Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0083503	PC0075966	PC0066473
Date d'échant.		Client Info		17 Mar 2024	02 Oct 2023	03 Nov 2022
Âge d la Machine	hrs	Client Info		26787	26264	25521
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	N/A
Filtre changé		Client Info		N/A	N/A	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	3	4	4
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	0	0
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	0	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	2	1	2
Plomb	ppm	ASTM D5185(m)	>40	0	<1	0
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	0
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

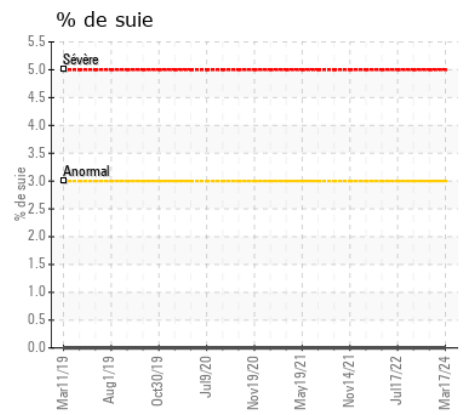
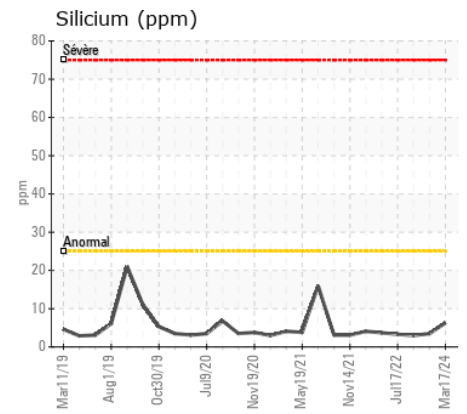
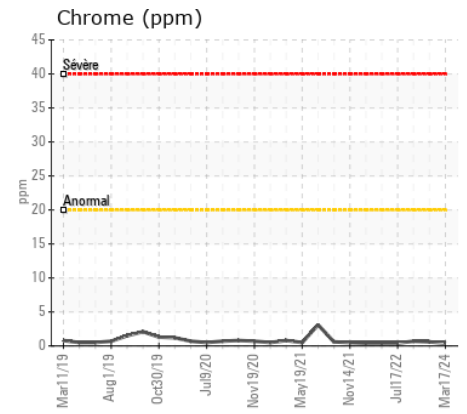
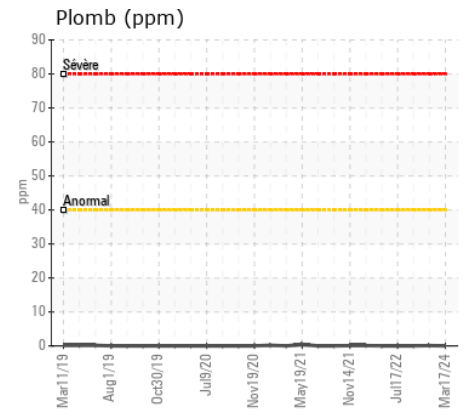
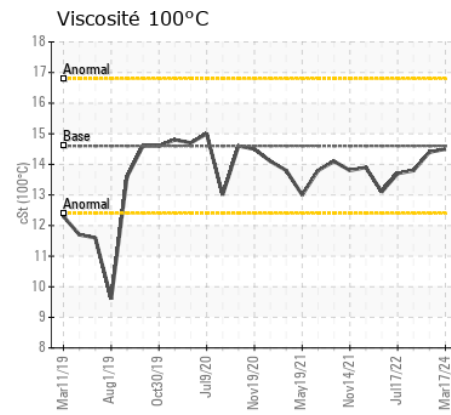
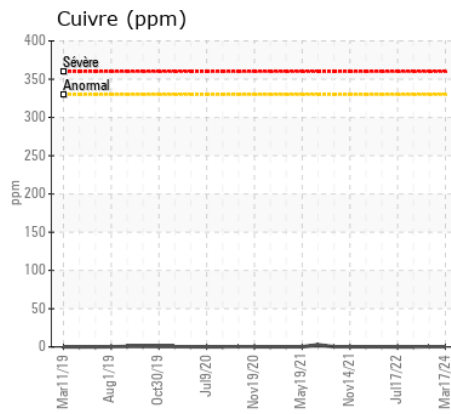
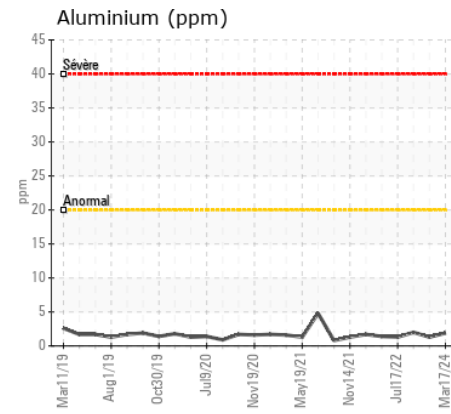
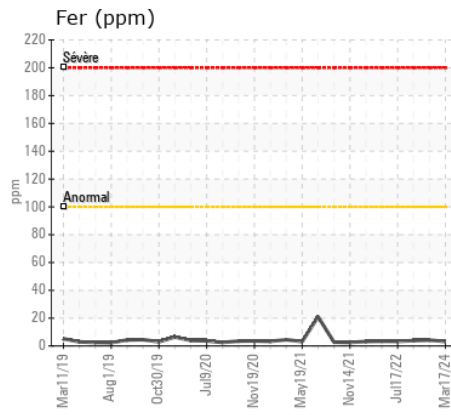
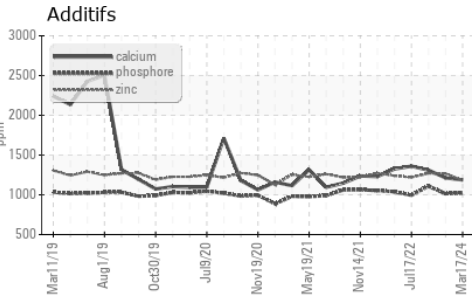
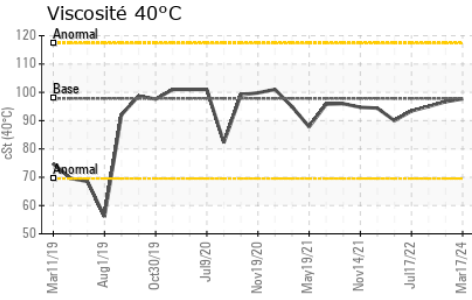
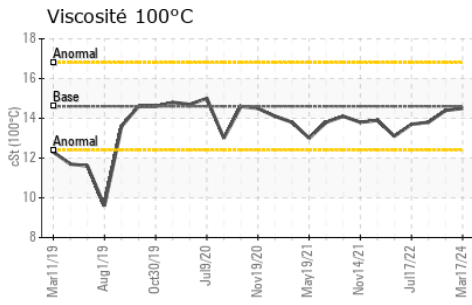
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	6	4	3
Potassium	ppm	ASTM D5185(m)	>20	<1	0	0
Essence		WC Method	>5	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	6.8	7.7	7.4
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.2	20.7	20.9
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

Additive levels indicate the addition of a different brand, or type of oil.
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		1	2	2
Bore	ppm	ASTM D5185(m)		1	2	4
Baryum	ppm	ASTM D5185(m)		<1	<1	0
Molybdène	ppm	ASTM D5185(m)	50	56	59	58
Manganèse	ppm	ASTM D5185(m)		0	0	<1
Magnésium	ppm	ASTM D5185(m)		913	985	933
Calcium	ppm	ASTM D5185(m)	1870	1187	1213	1310
Phosphore	ppm	ASTM D5185(m)	930	1024	1014	1109
Zinc	ppm	ASTM D5185(m)	1020	1182	1268	1270
Soufre	ppm	ASTM D5185(m)	2530	2738	2572	2729
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.5	17.6	17.3
Visc 40°C	cSt	ASTM D7279(m)	97.8	97.7	96.7	95.0
Visc 100°C	cSt	ASTM D7279(m)	14.6	14.5	14.4	13.8
Indice de viscosité (VI)	Scale	ASTM D2270*	155	153	153	147



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0083503
N° de laboratoire : 02622632
Numéro unique : 5747751
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

LES ENTREPRISES MICHAUVILLE INC.
 270 RUE BRUNET
 MONT ST-HILAIRE, QC
 CA J3H 0M6
 Contact: Martin Trudel
 mtrudel@michaudville.com

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.