



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	ANORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE
Identité de la machine
5519

Composant
Entraînement de tourelle
Fluid
GEAR OIL SAE 80 (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. 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. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80. Please confirm. Please specify the component make and model with your next sample.

USURE

All component wear rates are normal.

CONTAMINATION

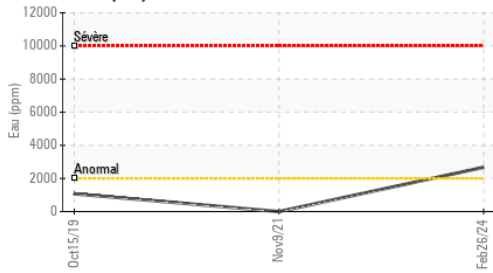
There is a moderate concentration of water present in the oil. Free water present.

ÉTAT DU FLUIDE

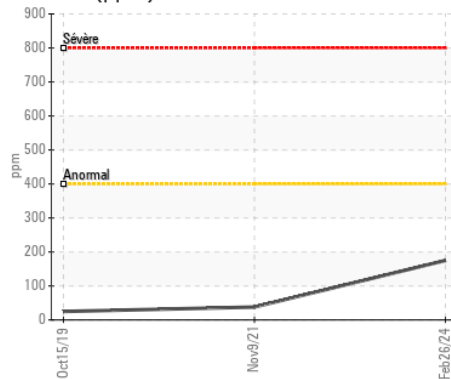
The oil is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0084436	PC0053352	PC0019793
Date d'échant.		Client Info		26 Feb 2024	09 Nov 2021	15 Oct 2019
Âge d la Machine	hrs	Client Info		9720	8930	7757
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	Not Changd
Filtre changé		Client Info		N/A	N/A	Not Changd
Statut de l'échant.				ABNORMAL	NORMAL	NORMAL
<hr/>						
Fer	ppm	ASTM D5185(m)	>400	175	38	25
Chrome	ppm	ASTM D5185(m)	>10	2	<1	<1
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	0
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)		0	0	0
Aluminium	ppm	ASTM D5185(m)	>25	<1	1	1
Plomb	ppm	ASTM D5185(m)	>50	2	2	6
Cuivre	ppm	ASTM D5185(m)	>200	52	53	44
Étain	ppm	ASTM D5185(m)	>10	2	2	2
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	NONE	NONE
Bronze	scalar	Visual*	NONE	NONE	NONE	NONE
<hr/>						
Silicium	ppm	ASTM D5185(m)	>50	7	15	10
Potassium	ppm	ASTM D5185(m)	>20	1	<1	3
Eau	%	ASTM D6304*	>0.2	▲ 0.267	---	0.107
ppm d'eau	ppm	ASTM D6304*	>2000	▲ 2674	---	1073.9
Limon	scalar	Visual*	NONE	NONE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	VLITE	NONE
Saleté	scalar	Visual*	NONE	NONE	NONE	NONE
Apparence	scalar	Visual*	NORML	▲ HAZY	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	▲ .2%	NEG	.2%
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Sodium	ppm	ASTM D5185(m)		<1	3	3
Bore	ppm	ASTM D5185(m)	400	38	17	17
Baryum	ppm	ASTM D5185(m)	200	<1	<1	<1
Molybdène	ppm	ASTM D5185(m)	12	4	36	35
Manganèse	ppm	ASTM D5185(m)		2	<1	<1
Magnésium	ppm	ASTM D5185(m)	12	38	547	494
Calcium	ppm	ASTM D5185(m)	150	157	2067	2020
Phosphore	ppm	ASTM D5185(m)	1650	1089	1054	990
Zinc	ppm	ASTM D5185(m)	125	235	1205	1148
Soufre	ppm	ASTM D5185(m)	22500	18386	3382	3576
Visc 40°C	cSt	ASTM D7279(m)	74	86.0	56.2	60.4
Visc 100°C	cSt	ASTM D7279(m)	9.0	10.1	9.3	9.8
Indice de viscosité (VI)	Scale	ASTM D2270*	94	97	147	146

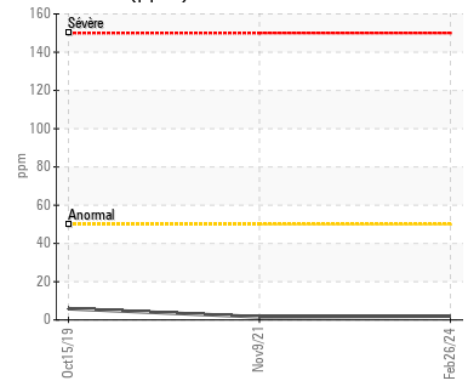
▲ Eau (KF)



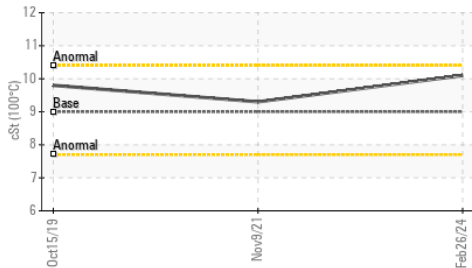
Fer (ppm)



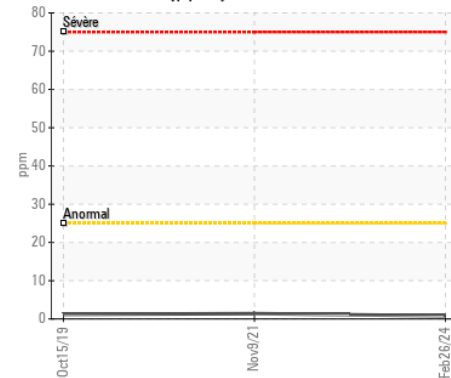
Plomb (ppm)



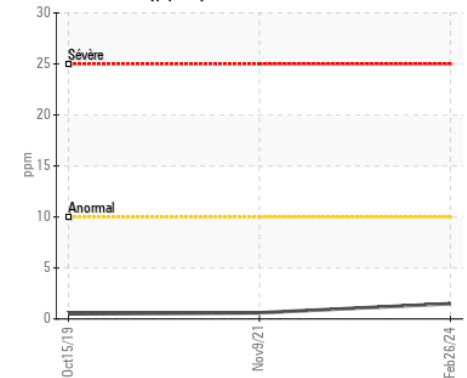
Viscosité 100°C



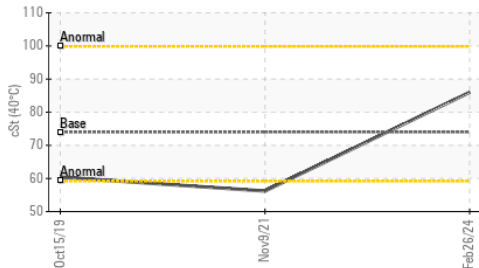
Aluminium (ppm)



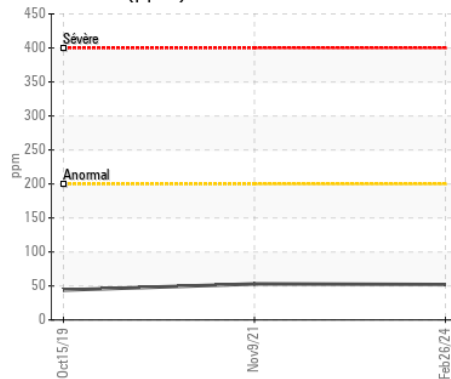
Chrome (ppm)



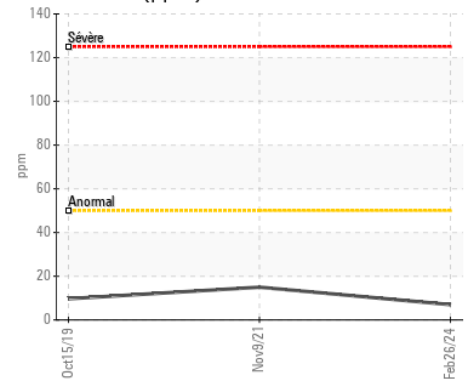
Viscosité 40°C



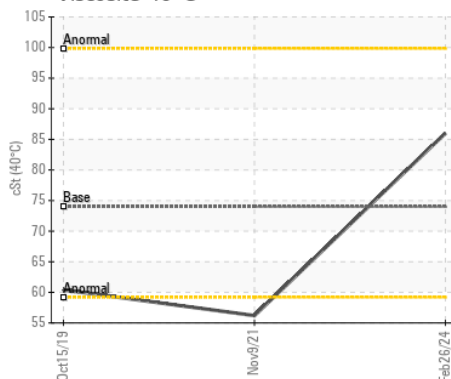
Cuivre (ppm)



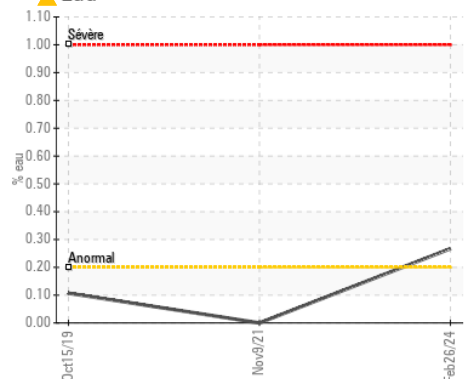
Silicium (ppm)



Viscosité 40°C



▲ Eau



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : PC0084436

N° de laboratoire : 02618458

Numéro unique : 5735568

Analyse : MOB 1 (Additional Tests: KF, KV100, VI)

Reçu : 27 Feb 2024

Tested : 28 Feb 2024

Diagnostiqué : 28 Feb 2024 - Kevin Marson

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.

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