



USURE	ANORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
[P28038]
 Identité de la machine
1215

Composant
Système hydraulique
 Fluid
AW HYDRAULIC OIL ISO 32 (--- GAL)

RECOMMENDATION

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) AW HYDRAULIC OIL ISO 32. Please confirm. Please specify the component make and model with your next sample. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0083647	PC0060320	---
Date d'échant.		Client Info		04 Feb 2024	17 May 2022	---
Âge d la Machine	hrs	Client Info		8195	5244	---
Âge de l'huile	hrs	Client Info		0	0	---
Âge du filtre	hrs	Client Info		0	0	---
Huile changée		Client Info		N/A	N/A	---
Filtre changé		Client Info		N/A	N/A	---
Statut de l'échant.				ABNORMAL	NORMAL	---

USURE

Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion.

PQ		ASTM D8184*		0	1	---
Fer	ppm	ASTM D5185(m)	>20	▲ 31	23	---
Chrome	ppm	ASTM D5185(m)	>10	0	0	---
Nickel	ppm	ASTM D5185(m)	>10	0	<1	---
Titane	ppm	ASTM D5185(m)		0	0	---
Argent	ppm	ASTM D5185(m)		0	<1	---
Aluminium	ppm	ASTM D5185(m)	>10	2	<1	---
Plomb	ppm	ASTM D5185(m)	>10	6	3	---
Cuivre	ppm	ASTM D5185(m)	>75	2	1	---
Étain	ppm	ASTM D5185(m)	>10	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Métal blanc	scalar	Visual*	NONE	NONE	NONE	---
Bronze	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

There is no indication of any contamination in the component(unconfirmed).

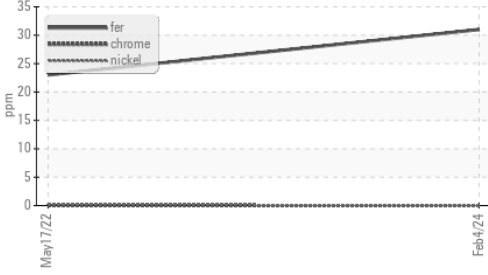
Silicium	ppm	ASTM D5185(m)	>20	6	4	---
Potassium	ppm	ASTM D5185(m)	>20	1	<1	---
L'eau		WC Method	>0.1	NEG	NEG	---
Limon	scalar	Visual*	NONE	VLITE	VLITE	---
Débris	scalar	Visual*	NONE	NONE	NONE	---
Saleté	scalar	Visual*	NONE	NONE	NONE	---
Apparence	scalar	Visual*	NORML	NORML	NORML	---
Odeur	scalar	Visual*	NORML	NORML	NORML	---
Eau émulsifiée	scalar	Visual*	>0.1	NEG	NEG	---

ÉTAT DU FLUIDE

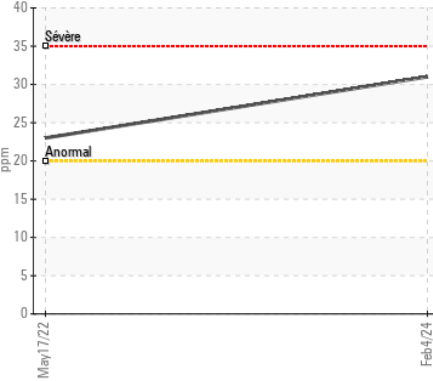
The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Sodium	ppm	ASTM D5185(m)		6	6	---
Bore	ppm	ASTM D5185(m)	5	0	<1	---
Baryum	ppm	ASTM D5185(m)	5	0	0	---
Molybdène	ppm	ASTM D5185(m)	5	0	0	---
Manganèse	ppm	ASTM D5185(m)		0	<1	---
Magnésium	ppm	ASTM D5185(m)	25	2	2	---
Calcium	ppm	ASTM D5185(m)	200	51	53	---
Phosphore	ppm	ASTM D5185(m)	300	309	327	---
Zinc	ppm	ASTM D5185(m)	370	389	387	---
Soufre	ppm	ASTM D5185(m)	2500	805	780	---
Visc 40°C	cSt	ASTM D7279(m)	32	31.7	31.7	---
Visc 100°C	cSt	ASTM D7279(m)	5.4	6.1	6.2	---
Indice de viscosité (VI)	Scale	ASTM D2270*	102	143	148	---

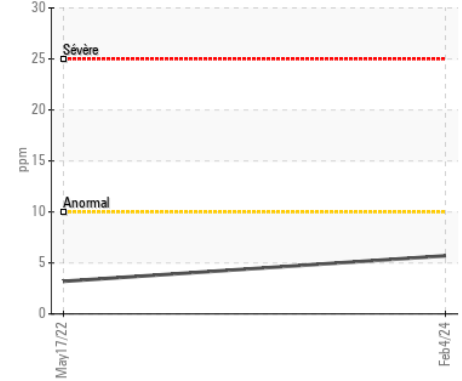
▲ Alliages ferreux



▲ Fer (ppm)



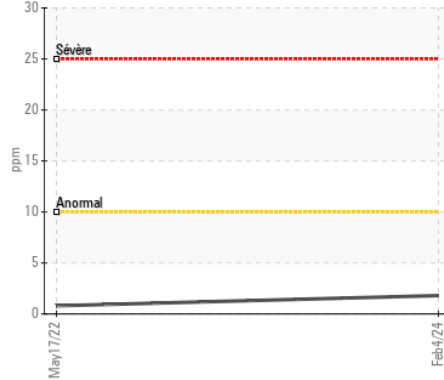
Plomb (ppm)



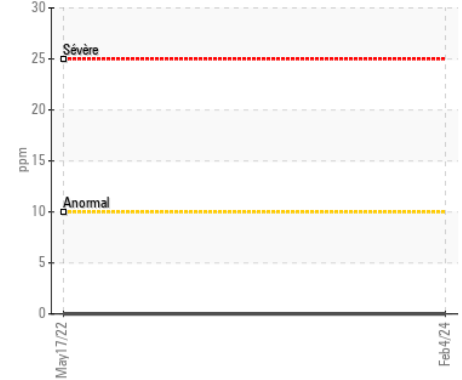
Viscosité 100°C



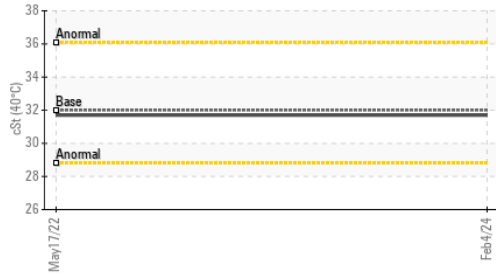
Aluminium (ppm)



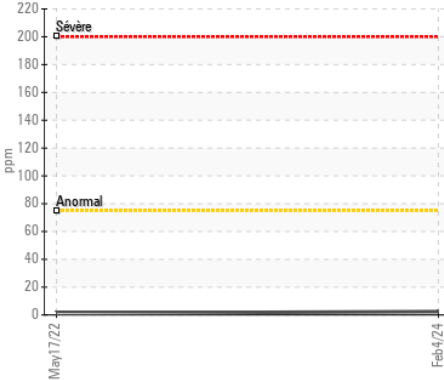
Chrome (ppm)



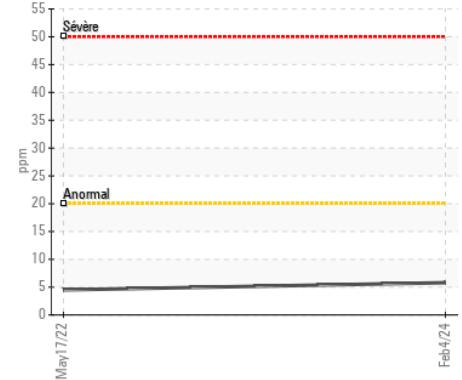
Viscosité 40°C



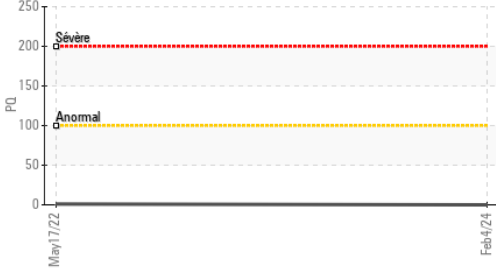
Cuivre (ppm)



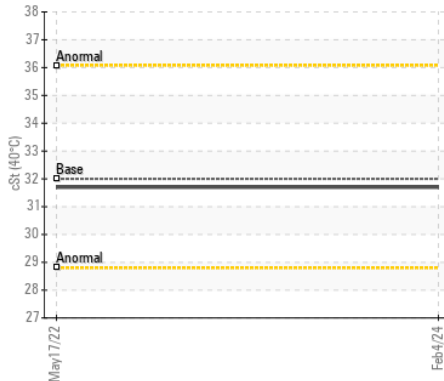
Silicium (ppm)



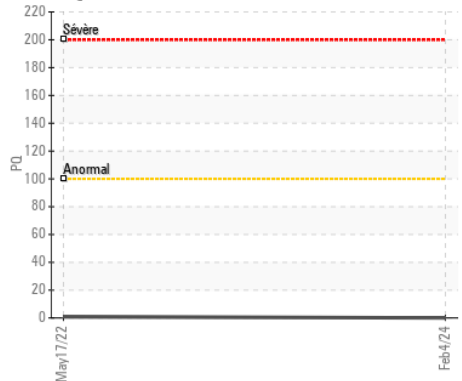
PQ



Viscosité 40°C



PQ



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.
N° d'échantillon : PC0083647 **Reçu** : 05 Feb 2024
N° de laboratoire : 02613456 **Diagnostiqué** : 05 Feb 2024
Numéro unique : 5722551 **Diagnostiqueur** : Bill Quesnel
Analyse : MOB 1 (Additional Tests: KV100, PQ, VI)

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.

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

T:
F: