



Secteur

MICHAUDVILLE

Identité de la machine

1176

Composant

Système hydraulique

Fluide

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.

USURE

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

CONTAMINATION

There is no indication of any contamination in the oil.

ÉTAT DU FLUIDE

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

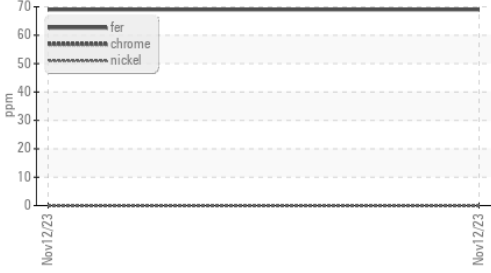
Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0082324	---	---
Date d'échant.		Client Info		12 Nov 2023	---	---
Âge d la Machine	hrs	Client Info		6953	---	---
Âge de l'huile	hrs	Client Info		0	---	---
Âge du filtre	hrs	Client Info		0	---	---
Huile changée		Client Info		N/A	---	---
Filtre changé		Client Info		N/A	---	---
Statut de l'échant.				ABNORMAL	---	---

PQ		ASTM D8184*		19	---	---
Fer	ppm	ASTM D5185(m)	>20	▲ 69	---	---
Chrome	ppm	ASTM D5185(m)	>10	0	---	---
Nickel	ppm	ASTM D5185(m)	>10	0	---	---
Titane	ppm	ASTM D5185(m)		0	---	---
Argent	ppm	ASTM D5185(m)		<1	---	---
Aluminium	ppm	ASTM D5185(m)	>10	6	---	---
Plomb	ppm	ASTM D5185(m)	>10	<1	---	---
Cuivre	ppm	ASTM D5185(m)	>75	<1	---	---
Étain	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

Silicium	ppm	ASTM D5185(m)	>20	13	---	---
Potassium	ppm	ASTM D5185(m)	>20	1	---	---
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	LIGHT	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	---	---
Eau émulsifiée	scalar	Visual*	>0.1	NEG	---	---

Sodium	ppm	ASTM D5185(m)		19	---	---
Bore	ppm	ASTM D5185(m)	5	4	---	---
Baryum	ppm	ASTM D5185(m)	5	<1	---	---
Molybdène	ppm	ASTM D5185(m)	5	1	---	---
Manganèse	ppm	ASTM D5185(m)		0	---	---
Magnésium	ppm	ASTM D5185(m)	25	14	---	---
Calcium	ppm	ASTM D5185(m)	200	100	---	---
Phosphore	ppm	ASTM D5185(m)	300	305	---	---
Zinc	ppm	ASTM D5185(m)	370	385	---	---
Soufre	ppm	ASTM D5185(m)	2500	1011	---	---
Visc 40°C	cSt	ASTM D7279(m)	32	36.6	---	---
Visc 100°C	cSt	ASTM D7279(m)	5.4	6.4	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*	, 102	126	---	---

▲ **Alliages ferreux**



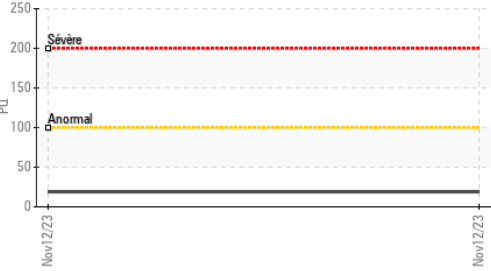
Viscosité 100°C



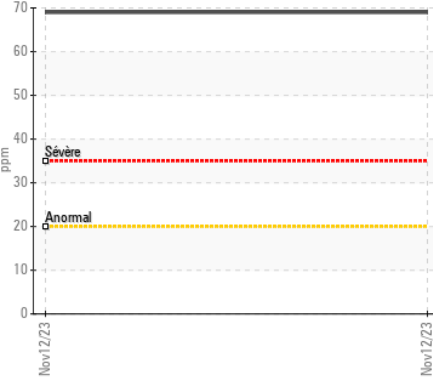
Viscosité 40°C



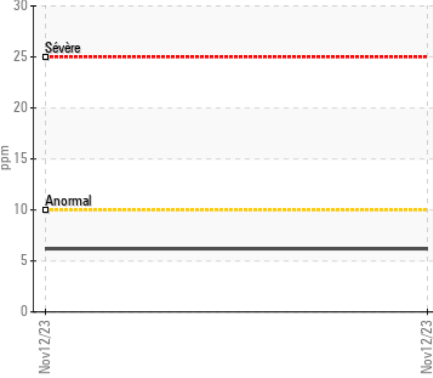
PQ



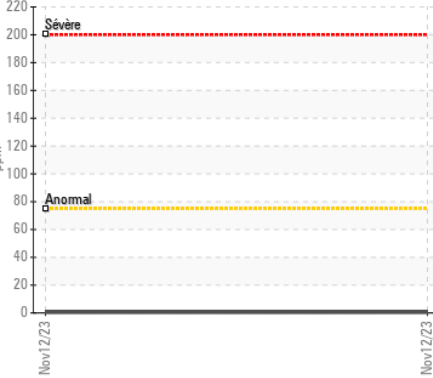
▲ **Fer (ppm)**



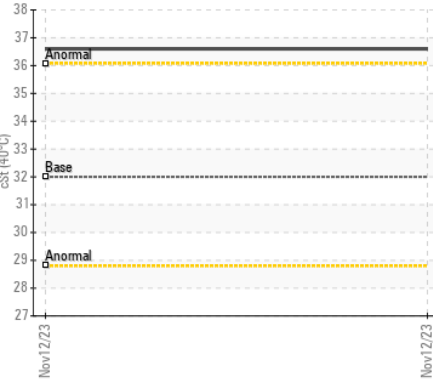
Aluminium (ppm)



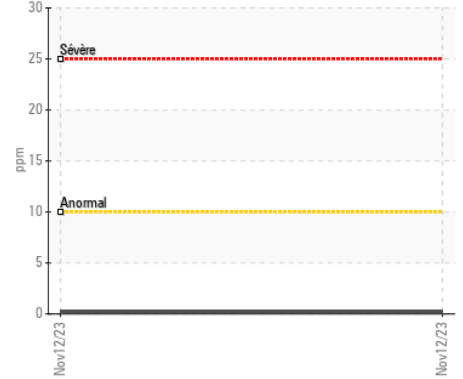
Cuivre (ppm)



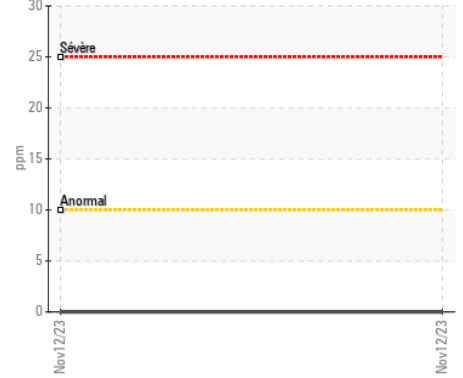
Viscosité 40°C



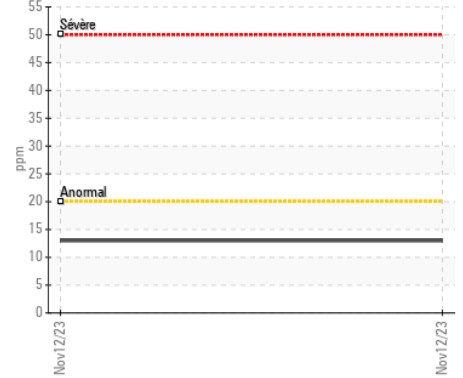
Plomb (ppm)



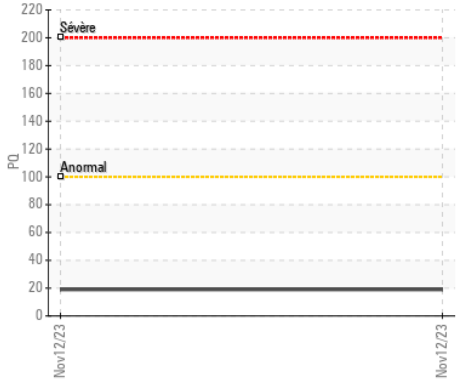
Chrome (ppm)



Silicium (ppm)



PQ



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUDVILLE INC.**
N° d'échantillon : PC0082324 **Reçu** : 13 Nov 2023
N° de laboratoire : 02595817 **Diagnostiqué** : 14 Nov 2023
Numéro unique : 5672896 **Diagnostiqueur** : Kevin Marson
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: