



Secteur

MICHAUDVILLE

Identité de la machine

1223

Composant

Système hydraulique

Fluide

AW HYDRAULIC OIL ISO 46 (--- 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. 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.

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 component(unconfirmed).

ÉTAT DU FLUIDE

Viscosity of sample indicates oil is within ISO 22 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

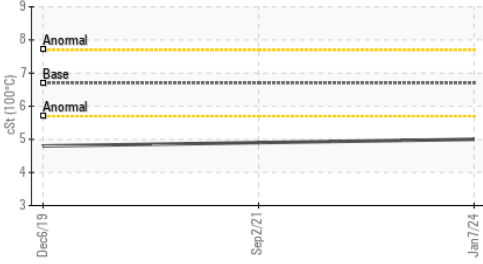
Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0083623	PC0054133	PC0021608
Date d'échant.		Client Info		07 Jan 2024	02 Sep 2021	06 Dec 2019
Âge d la Machine	kms	Client Info		205735	5940	3080
Âge de l'huile	kms	Client Info		0	0	0
Âge du filtre	kms	Client Info		0	0	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	ABNORMAL	ABNORMAL

PQ		ASTM D8184*		14	6	14
Fer	ppm	ASTM D5185(m)	>20	▲ 64	▲ 49	▲ 34
Chrome	ppm	ASTM D5185(m)	>10	0	0	<1
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)		0	<1	<1
Aluminium	ppm	ASTM D5185(m)	>10	2	<1	<1
Plomb	ppm	ASTM D5185(m)	>10	<1	<1	<1
Cuivre	ppm	ASTM D5185(m)	>75	1	<1	<1
Étain	ppm	ASTM D5185(m)	>10	0	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	NONE	NONE
Bronze	scalar	Visual*	NONE	NONE	NONE	NONE

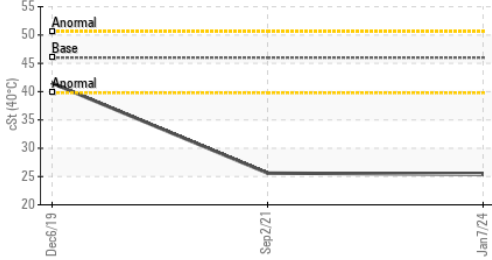
Silicium	ppm	ASTM D5185(m)	>20	6	4	2
Potassium	ppm	ASTM D5185(m)	>20	3	3	3
L'eau		WC Method	>0.1	NEG	NEG	NEG
Limon	scalar	Visual*	NONE	VLITE	VLITE	NONE
Débris	scalar	Visual*	NONE	NONE	NONE	LIGHT
Saleté	scalar	Visual*	NONE	NONE	NONE	NONE
Apparence	scalar	Visual*	NORML	NORML	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.1	NEG	NEG	NEG

Sodium	ppm	ASTM D5185(m)		6	5	3
Bore	ppm	ASTM D5185(m)	5	<1	<1	<1
Baryum	ppm	ASTM D5185(m)	5	0	0	0
Molybdène	ppm	ASTM D5185(m)	5	0	<1	<1
Manganèse	ppm	ASTM D5185(m)		0	<1	<1
Magnésium	ppm	ASTM D5185(m)	25	3	2	2
Calcium	ppm	ASTM D5185(m)	200	78	71	70
Phosphore	ppm	ASTM D5185(m)	300	307	324	305
Zinc	ppm	ASTM D5185(m)	370	389	393	384
Soufre	ppm	ASTM D5185(m)	2500	1246	1165	1177
Visc 40°C	cSt	ASTM D7279(m)	46	▲ 25.4	▲ 25.6	41.5
Visc 100°C	cSt	ASTM D7279(m)	6.7	▲ 5	▲ 4.9	4.8
Indice de viscosité (VI)	Scale	ASTM D2270*	97	125	115	---

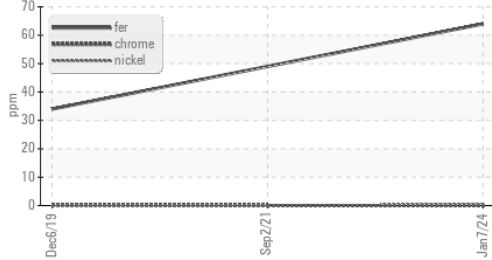
▲ Viscosité 100°C



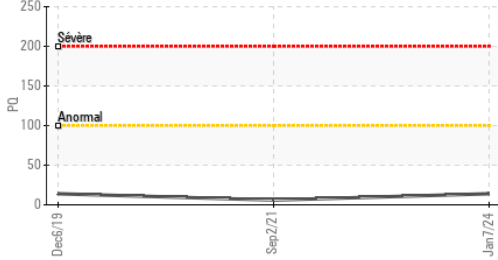
▲ Viscosité 40°C



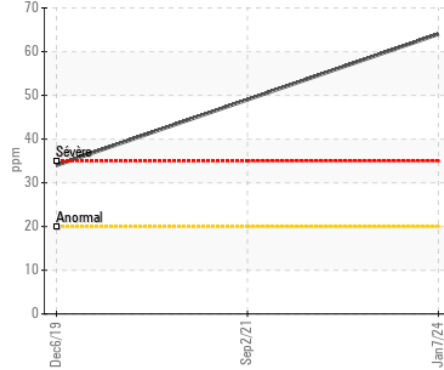
▲ Alliages ferreux



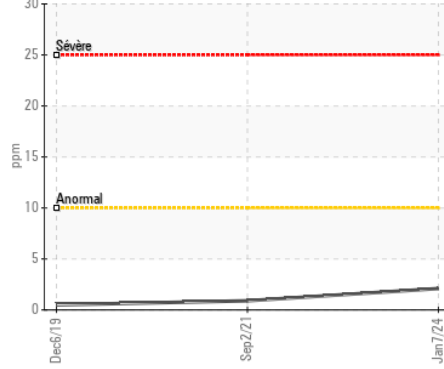
PQ



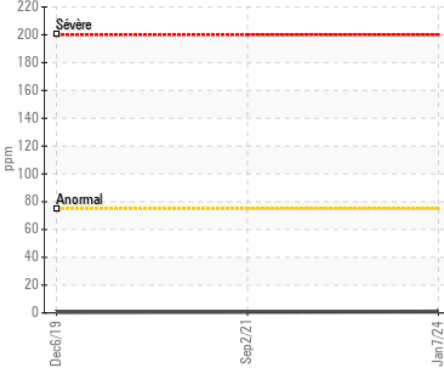
▲ Fer (ppm)



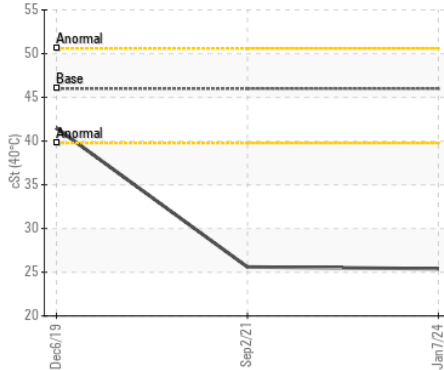
Aluminium (ppm)



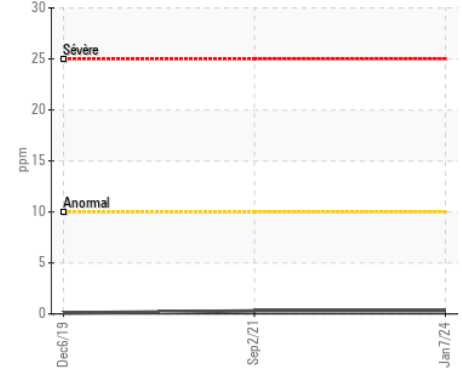
Cuivre (ppm)



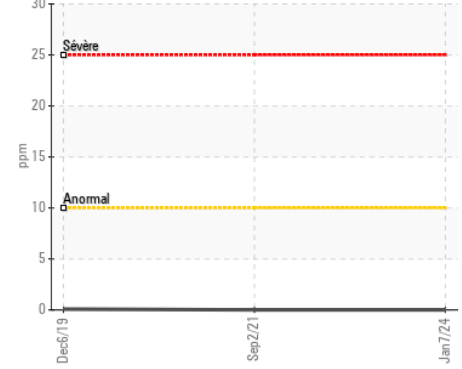
▲ Viscosité 40°C



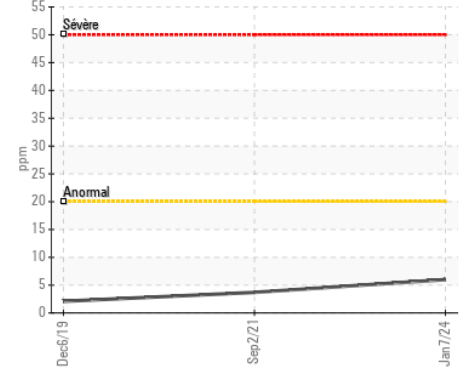
Plomb (ppm)



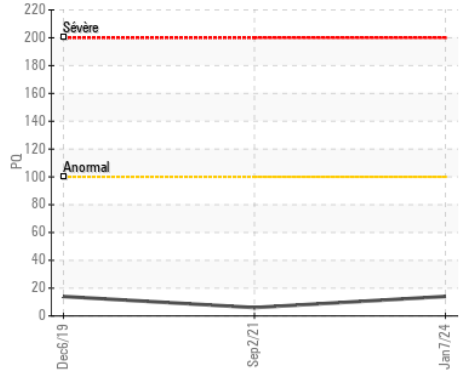
Chrome (ppm)



Silicium (ppm)



PQ



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**
N° d'échantillon : PC0083623 **Reçu** : 08 Jan 2024 270 RUE BRUNET
N° de laboratoire : 02607133 **Diagnostiqué** : 09 Jan 2024 MONT ST-HILAIRE, QC
Numéro unique : 5708219 **Diagnostiqueur** : Kevin Marson CA J3H 0M6
Analyse : MOB 1 (Additional Tests: KV100, PQ, VI) Contact: Martin Trudel

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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