



RAPPORT D'ANALYSE D'HUILE

USURE	ANORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	ANORMAL

Secteur
MICHAUDVILLE
Identité de la machine
1505

Composant
Transmission Manuelle
Fluide
BP AUTRAN SYN 295 (--- GAL)

RECOMMENDATION

We recommend that you drain the fluid 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.

USURE

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

CONTAMINATION

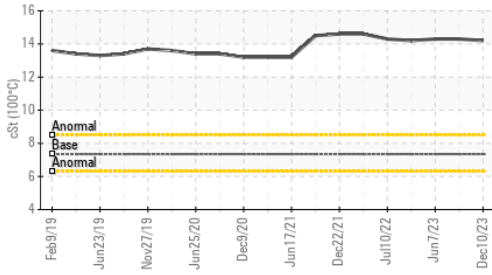
There is no indication of any contamination in the fluid.

ÉTAT DU FLUIDE

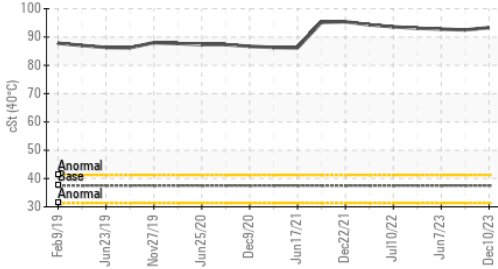
Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0078451	PC0077392	PC0075811
Date d'échant.		Client Info		10 Dec 2023	13 Sep 2023	07 Jun 2023
Âge d la Machine	hrs	Client Info		4187	3774	3328
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.				ABNORMAL	ABNORMAL	ABNORMAL
PQ		ASTM D8184*	>95	1	0	0
Fer	ppm	ASTM D5185(m)	>200	▲ 255	▲ 250	▲ 254
Chrome	ppm	ASTM D5185(m)	>5	2	2	2
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titane	ppm	ASTM D5185(m)		0	<1	<1
Argent	ppm	ASTM D5185(m)	>7	<1	<1	0
Aluminium	ppm	ASTM D5185(m)	>25	5	4	5
Plomb	ppm	ASTM D5185(m)	>45	4	4	5
Cuivre	ppm	ASTM D5185(m)	>225	151	147	151
Étain	ppm	ASTM D5185(m)	>10	1	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
Silicium	ppm	ASTM D5185(m)	>125	8	9	15
Potassium	ppm	ASTM D5185(m)	>20	6	6	6
L'eau		WC Method	>0.1	NEG	NEG	NEG
Limon	scalar	Visual*	NONE	NONE	LIGHT	NONE
Débris	scalar	Visual*	NONE	NONE	VLITE	NONE
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)		20	21	22
Bore	ppm	ASTM D5185(m)		244	245	261
Baryum	ppm	ASTM D5185(m)		2	1	<1
Molybdène	ppm	ASTM D5185(m)		<1	<1	<1
Manganèse	ppm	ASTM D5185(m)		7	7	7
Magnésium	ppm	ASTM D5185(m)		2	3	2
Calcium	ppm	ASTM D5185(m)		50	52	54
Phosphore	ppm	ASTM D5185(m)		1083	1193	1245
Zinc	ppm	ASTM D5185(m)		22	18	14
Soufre	ppm	ASTM D5185(m)		451	457	489
Visc 40°C	cSt	ASTM D7279(m)	37.5	▲ 93.3	▲ 92.5	▲ 92.8
Visc 100°C	cSt	ASTM D7279(m)	7.35	▲ 14.2	▲ 14.3	▲ 14.3
Indice de viscosité (VI)	Scale	ASTM D2270*	165	156	159	159

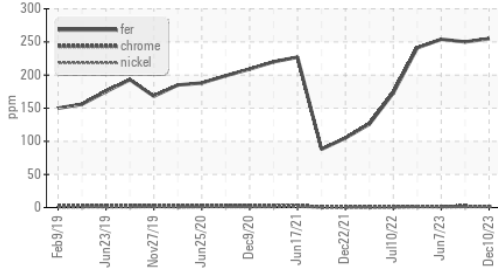
▲ Viscosité 100°C



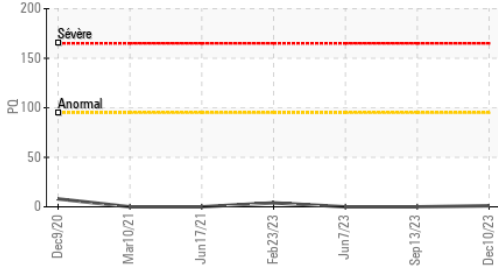
▲ Viscosité 40°C



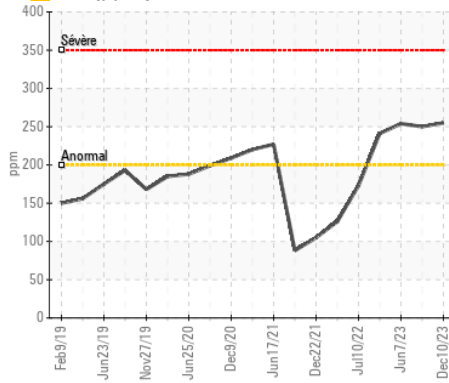
▲ Alliages ferreux



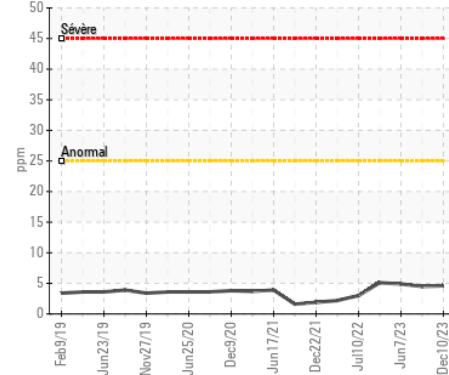
PQ



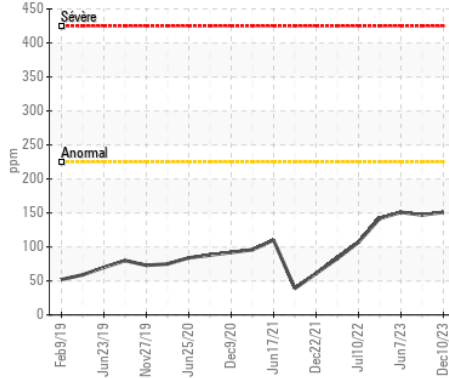
▲ Fer (ppm)



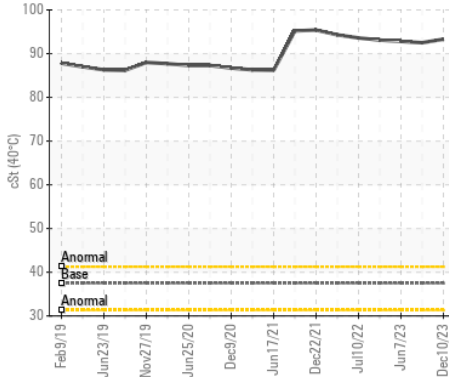
Aluminium (ppm)



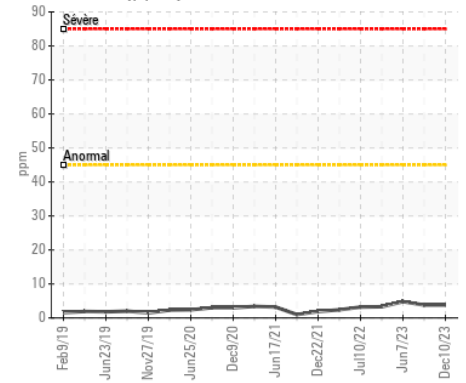
Cuivre (ppm)



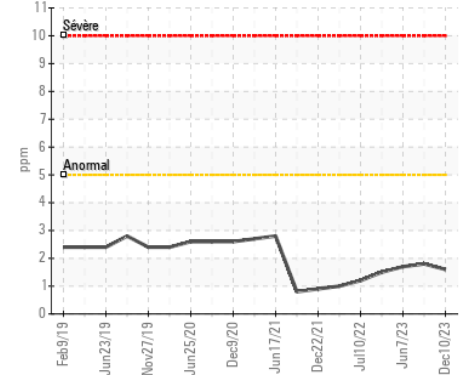
▲ Viscosité 40°C



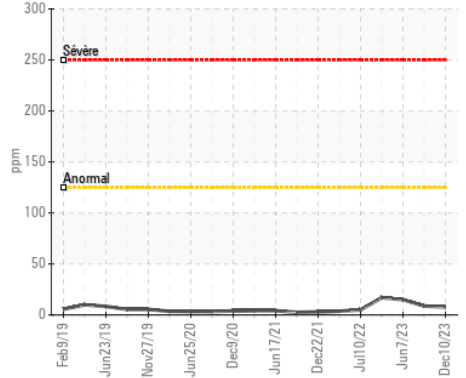
Plomb (ppm)



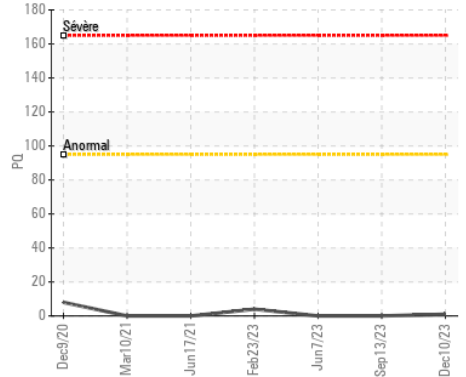
Chrome (ppm)



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 : PC0078451 **Reçu** : 13 Dec 2023
N° de laboratoire : 02602881 **Diagnostiqueur** : Kevin Marson
Numéro unique : 5695966 **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.

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