

Identité de la machine

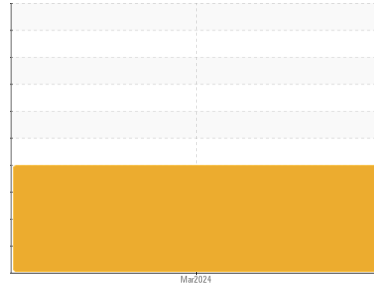
## 1 CYLINDRE

Composant

Système hydraulique

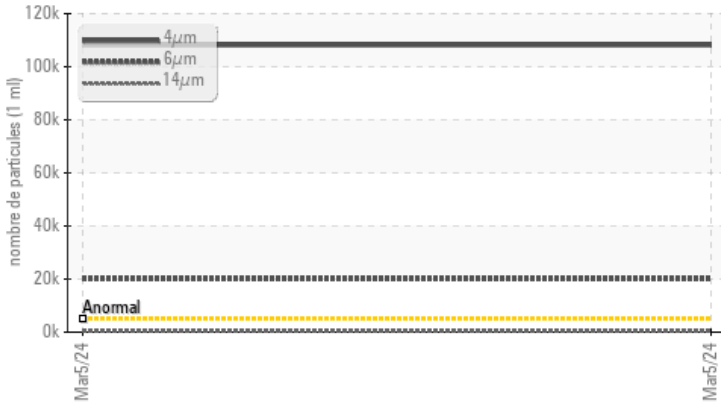
Fluid

APRIL SUPERFLO TDH PLUS (--- GAL)

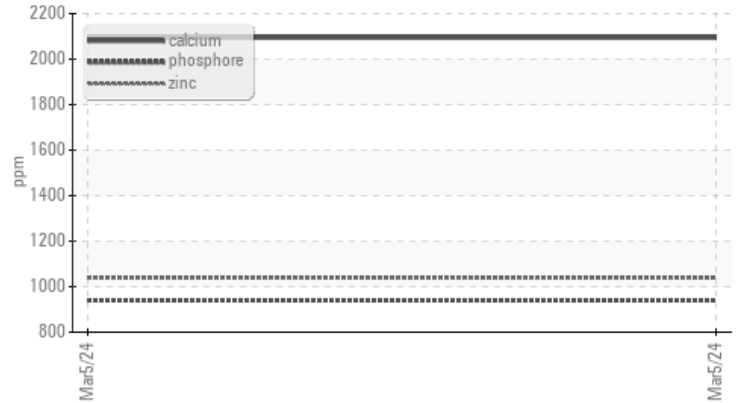


### COMPONENT CONDITION SUMMARY

#### ▲ Tendence des particules



#### Additifs



### RECOMMENDATION

Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend you service the filters on this component. Resample in 30-45 days to monitor this situation. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

### PROBLEMATIC TEST RESULTS

Statut de l'échant.		SEVERE		---	---
Particules >4µ	ASTM D7647 >5000	▲	108137	---	---
Particules >6µ	ASTM D7647 >1300	▲	20067	---	---
Particules >14µ	ASTM D7647 >160	▲	354	---	---
Propreté de l'huile	ISO 4406 (c) >19/17/14	▲	24/22/16	---	---

Customer Id: UNISTE  
Sample No.: ST43481  
Lab Number: 02620208  
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:  
Kevin Marson +1 (289)291-4644 x4644  
[Kevin.Marson@wearcheck.com](mailto:Kevin.Marson@wearcheck.com)

To change component or sample information:  
Gloria Gonzalez +1 (289)291-4643 x4643  
[gloria.gonzalez@wearcheck.com](mailto:gloria.gonzalez@wearcheck.com)

## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.
Resample	---	---	?	Resample in 30-45 days to monitor this situation.
Information Required	---	---	?	NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.
Check Breathers	---	---	?	The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather.
Check Seals	---	---	?	Check seals and/or filters for points of contaminant entry.

## HISTORICAL DIAGNOSIS



Identité de la machine

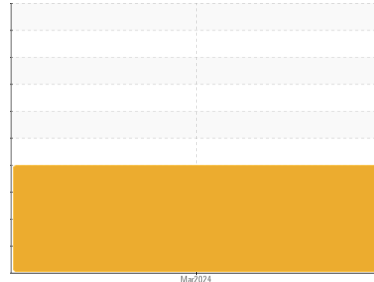
## 1 CYLINDRE

Composant

### Système hydraulique

Fluid

### APRIL SUPERFLO TDH PLUS (--- GAL)



#### DIAGNOSTIC

##### ▲ Recommendation

Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend you service the filters on this component. Resample in 30-45 days to monitor this situation. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

##### Usure

All component wear rates are normal.

##### ▲ Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil. The water content is negligible.

##### État Du Fluide

The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

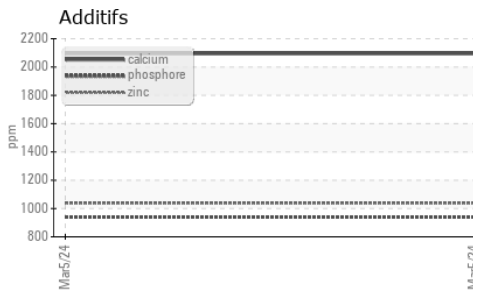
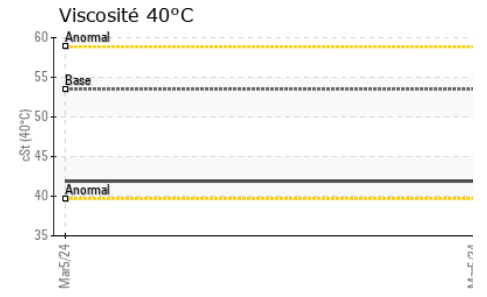
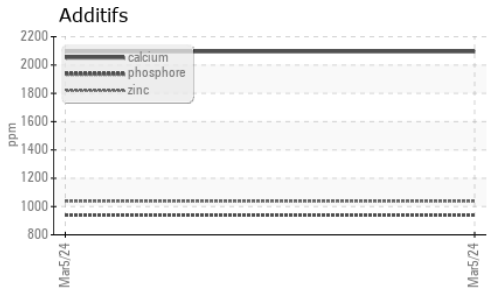
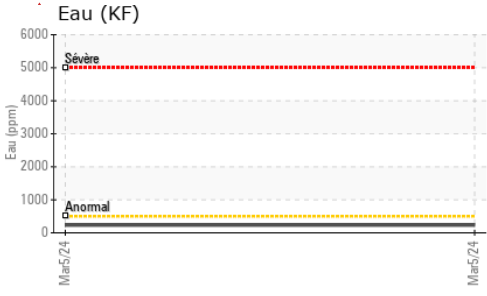
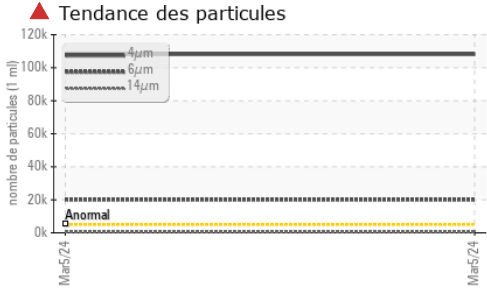
INFORMATION SUR L'ÉCHANTILLON		methode	limite/base	actuel	passé1	passé2
Numéro d'échant.	Client Info			<b>ST43481</b>	---	---
Date d'échant.	Client Info			<b>05 Mar 2024</b>	---	---
Âge d la Machine	hrs	Client Info		<b>0</b>	---	---
Âge de l'huile	hrs	Client Info		<b>400</b>	---	---
Huile changée	Client Info			<b>N/A</b>	---	---
Statut de l'échant.				<b>SEVERE</b>	---	---

MÉTALUX D'USURE		methode	limite/base	actuel	passé1	passé2
Fer	ppm	ASTM D5185(m)	>20	<b>18</b>	---	---
Chrome	ppm	ASTM D5185(m)	>20	<b>1</b>	---	---
Nickel	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	---	---
Argent	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>2</b>	---	---
Plomb	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Cuivre	ppm	ASTM D5185(m)	>20	<b>8</b>	---	---
Étain	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Antimoine	ppm	ASTM D5185(m)		<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Béryllium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	---	---

ADDITIFS		methode	limite/base	actuel	passé1	passé2
Bore	ppm	ASTM D5185(m)		<b>17</b>	---	---
Baryum	ppm	ASTM D5185(m)		<b>0</b>	---	---
Molybdène	ppm	ASTM D5185(m)		<b>3</b>	---	---
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	---	---
Magnésium	ppm	ASTM D5185(m)		<b>65</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>2095</b>	---	---
Phosphore	ppm	ASTM D5185(m)		<b>940</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>1038</b>	---	---
Soufre	ppm	ASTM D5185(m)		<b>2810</b>	---	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---

CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	>15	<b>6</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>2</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	---	---
Eau	%	ASTM D6304*	>0.05	<b>0.023</b>	---	---
ppm d'eau	ppm	ASTM D6304*	>500	<b>233</b>	---	---

PROPRETÉ DU FLUIDE		methode	limite/base	actuel	passé1	passé2
Particules >4µ		ASTM D7647	>5000	<b>▲ 108137</b>	---	---
Particules >6µ		ASTM D7647	>1300	<b>▲ 20067</b>	---	---
Particules >14µ		ASTM D7647	>160	<b>▲ 354</b>	---	---
Particules >21µ		ASTM D7647	>40	<b>27</b>	---	---
Particules >38µ		ASTM D7647	>10	<b>1</b>	---	---
Particules >71µ		ASTM D7647	>3	<b>0</b>	---	---
Propreté de l'huile		ISO 4406 (c)	>19/17/14	<b>▲ 24/22/16</b>	---	---

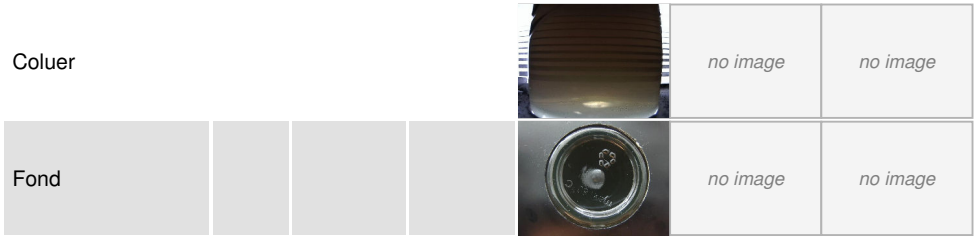


FLUID DEGRADATION	methode	limite/base	actuel	passé1	passé2
Indice d'acidité	mg KOH/g	ASTM D974*	<b>2.01</b>	---	---

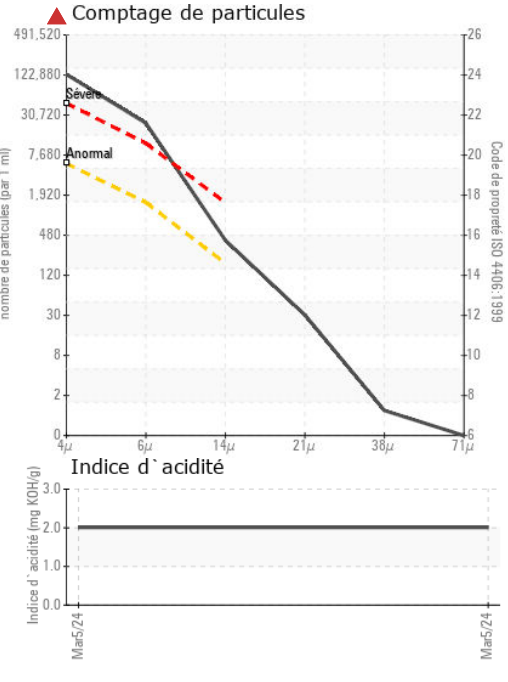
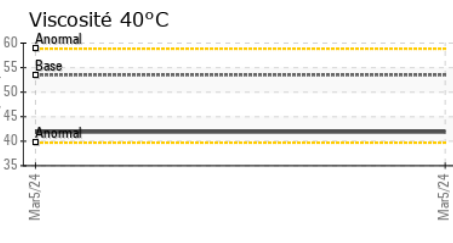
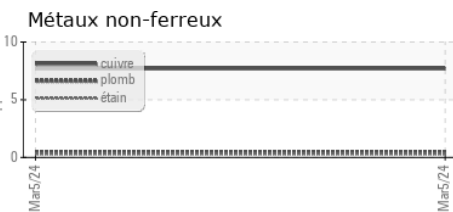
VISUEL	methode	limite/base	actuel	passé1	passé2
Métal blanc	scalar	Visual*	NONE	---	---
Bronze	scalar	Visual*	NONE	---	---
Précipié	scalar	Visual*	NONE	---	---
Limon	scalar	Visual*	NONE	---	---
Débris	scalar	Visual*	NONE	---	---
Saleté	scalar	Visual*	NONE	---	---
Apparence	scalar	Visual*	NORML	---	---
Odeur	scalar	Visual*	NORML	---	---
Eau émulsifiée	scalar	Visual*	>0.05	---	---
Eau libre	scalar	Visual*	NEG	---	---

PROPRIÉTÉS DU FLUID	methode	limite/base	actuel	passé1	passé2
Visc 40°C	cSt	ASTM D7279(m)	<b>53.5</b>	---	---

IMAGES DE L'ÉCHANTILLON	methode	limite/base	actuel	passé1	passé2
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## GRAPHIQUES



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : ST43481 **Reçu** : 06 Mar 2024  
**N° de laboratoire** : 02620208 **Tested** : 07 Mar 2024  
**Numéro unique** : 5737318 **Diagnostiqué** : 07 Mar 2024 - Kevin Marson  
**Analyse** : IND 2 ( Additional Tests: KF, TAN Man )

**UNI-DRAULIK**  
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 F: (418)658-3282

Pour discuter cette 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.