

Identité de la machine

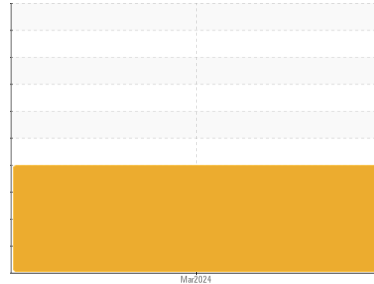
3 CYLINDRE

Composant

Système hydraulique

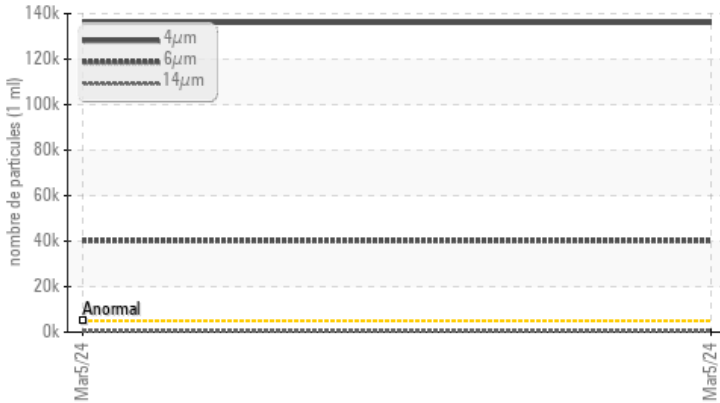
Fluid

APRIL SUPERFLO TDH PLUS (--- GAL)

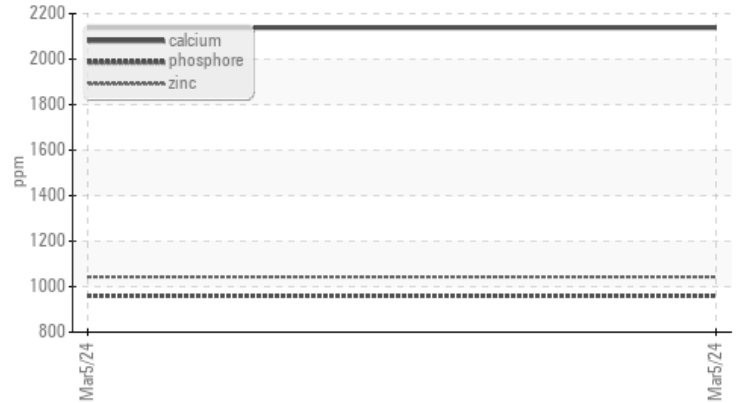


COMPONENT CONDITION SUMMARY

▲ 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. Confirm the source of the lubricant being utilized for top-up/fill. 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	▲	136005	---	---
Particules >6µ	ASTM D7647 >1300	▲	40142	---	---
Particules >14µ	ASTM D7647 >160	▲	396	---	---
Propreté de l'huile	ISO 4406 (c) >19/17/14	▲	24/23/16	---	---

Customer Id: UNISTE
Sample No.: ST43480
Lab Number: 02620206
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
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Kevin.Marson@wearcheck.com

To change component or sample information:
Gloria Gonzalez +1 (289)291-4643 x4643
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 Fluid Source	---	---	?	Confirm the source of the lubricant being utilized for top-up/fill.
Check Seals	---	---	?	Check seals and/or filters for points of contaminant entry.

HISTORICAL DIAGNOSIS



Identité de la machine

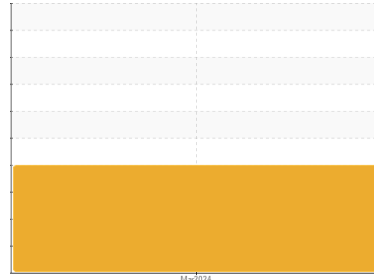
3 CYLINDRE

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. Confirm the source of the lubricant being utilized for top-up/fill. 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

Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. 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			ST43480	---	---
Date d'échant.	Client Info			05 Mar 2024	---	---
Âge d la Machine	hrs	Client Info		0	---	---
Âge de l'huile	hrs	Client Info		400	---	---
Huile changée	Client Info			N/A	---	---
Statut de l'échant.				SEVERE	---	---

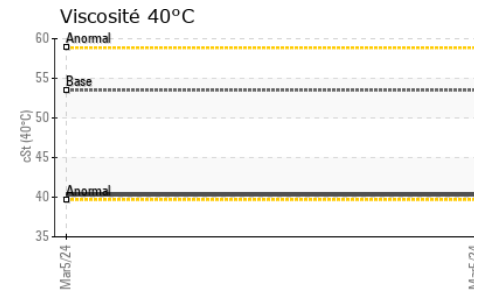
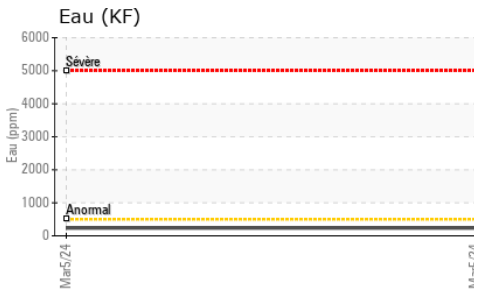
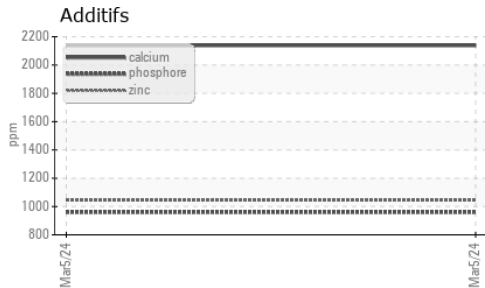
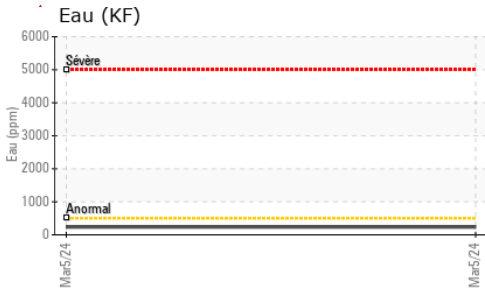
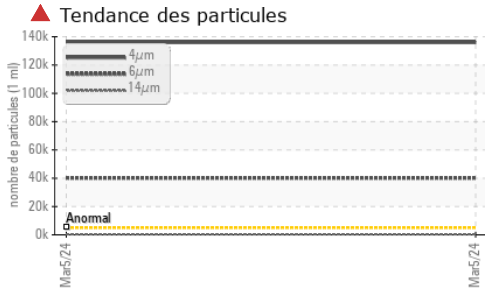
MÉTALUX D'USURE		methode	limite/base	actuel	passé1	passé2
Fer	ppm	ASTM D5185(m)	>20	17	---	---
Chrome	ppm	ASTM D5185(m)	>20	1	---	---
Nickel	ppm	ASTM D5185(m)	>20	<1	---	---
Titane	ppm	ASTM D5185(m)		0	---	---
Argent	ppm	ASTM D5185(m)		<1	---	---
Aluminium	ppm	ASTM D5185(m)	>20	3	---	---
Plomb	ppm	ASTM D5185(m)	>20	<1	---	---
Cuivre	ppm	ASTM D5185(m)	>20	8	---	---
Étain	ppm	ASTM D5185(m)	>20	<1	---	---
Antimoine	ppm	ASTM D5185(m)		0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Béryllium	ppm	ASTM D5185(m)		0	---	---
Cadmium	ppm	ASTM D5185(m)		0	---	---

ADDITIFS		methode	limite/base	actuel	passé1	passé2
Bore	ppm	ASTM D5185(m)		13	---	---
Baryum	ppm	ASTM D5185(m)		0	---	---
Molybdène	ppm	ASTM D5185(m)		4	---	---
Manganèse	ppm	ASTM D5185(m)		0	---	---
Magnésium	ppm	ASTM D5185(m)		73	---	---
Calcium	ppm	ASTM D5185(m)		2138	---	---
Phosphore	ppm	ASTM D5185(m)		960	---	---
Zinc	ppm	ASTM D5185(m)		1043	---	---
Soufre	ppm	ASTM D5185(m)		2920	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---

CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	>15	7	---	---
Sodium	ppm	ASTM D5185(m)		3	---	---
Potassium	ppm	ASTM D5185(m)	>20	1	---	---
Eau	%	ASTM D6304*	>0.05	0.023	---	---
ppm d'eau	ppm	ASTM D6304*	>500	235	---	---

PROPRETÉ DU FLUIDE		methode	limite/base	actuel	passé1	passé2
Particules >4µ		ASTM D7647	>5000	▲ 136005	---	---
Particules >6µ		ASTM D7647	>1300	▲ 40142	---	---
Particules >14µ		ASTM D7647	>160	▲ 396	---	---
Particules >21µ		ASTM D7647	>40	31	---	---
Particules >38µ		ASTM D7647	>10	2	---	---
Particules >71µ		ASTM D7647	>3	0	---	---
Propreté de l'huile		ISO 4406 (c)	>19/17/14	▲ 24/23/16	---	---

RAPPORT D'ANALYSE D'HUILE



FLUID DEGRADATION	methode	limite/base	actuel	passé1	passé2
Indice d'acidité	mg KOH/g	ASTM D974*	1.82	---	---

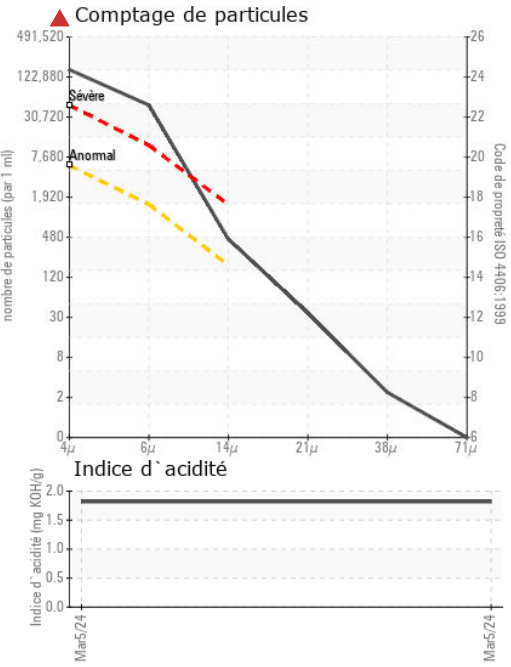
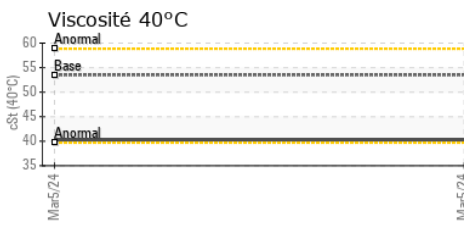
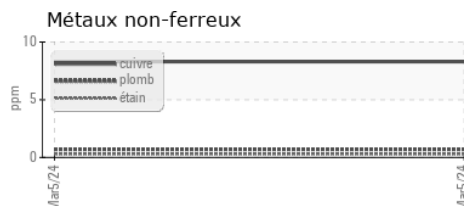
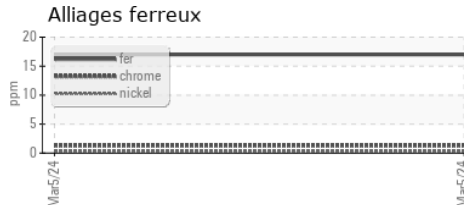
VISUEL	methode	limite/base	actuel	passé1	passé2
Métal blanc	scalar	Visual*	NONE	---	---
Bronze	scalar	Visual*	NONE	---	---
Préциpié	scalar	Visual*	NONE	---	---
Limon	scalar	Visual*	NONE	---	---
Débris	scalar	Visual*	NONE	---	---
Saleté	scalar	Visual*	NONE	---	---
Apparence	scalar	Visual*	NORML	---	---
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)	40.3	---	---

IMAGES DE L'ÉCHANTILLON	methode	limite/base	actuel	passé1	passé2
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Coluer				no image	no image
Fond				no image	no image

GRAPHIQUES



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : ST43480 **Reçu** : 06 Mar 2024
N° de laboratoire : 02620206 **Tested** : 07 Mar 2024
Numéro unique : 5737316 **Diagnostiqué** : 07 Mar 2024 - Kevin Marson
Analyse : IND 2 (Additional Tests: KF)

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.

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