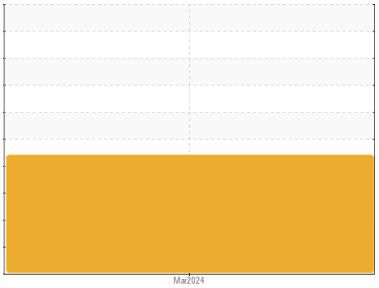
RÉSUMÉ DU PROBLEME

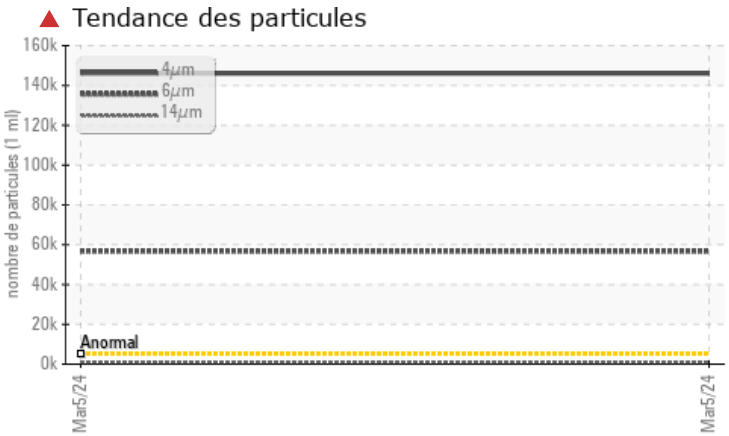
Sample Rating Trend



ISO(LES NORMES)

Identité de la machine
4 CYLINDRE
Composant
Système hydraulique
Fluid
TDH FLUID SAE 75W80 (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. We advise that you check all areas where contaminants can enter the system. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. 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. Resample in 30-45 days to monitor this situation. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

PROBLEMATIC TEST RESULTS

Statut de l'échant.				**SEVERE**	---	---
Particules >4µ		ASTM D7647	>5000	▲ **146027**	---	---
Particules >6µ		ASTM D7647	>1300	▲ **56745**	---	---
Particules >14µ		ASTM D7647	>160	▲ **1011**	---	---
Particules >21µ		ASTM D7647	>40	▲ **86**	---	---
Propreté de l'huile		ISO 4406 (c)	>19/17/14	▲ **24/23/17**	---	---

Customer Id: UNISTE
Sample No.: ST
Lab Number: 02620205
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

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

RECOMMENDED ACTIONS

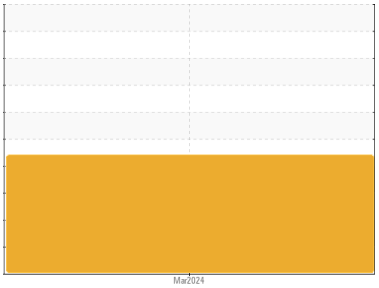
Action	Status	Date	Done By	Description
Change Filter	---	---	?	We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid.
Resample	---	---	?	Resample in 30-45 days to monitor this situation.
Alert	---	---	?	Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment.
Information Required	---	---	?	Please specify the brand, type, and viscosity of the oil on your next sample. 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 Dirt Access	---	---	?	We advise that you check all areas where contaminants can enter the system.
Filter Fluid	---	---	?	We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid.

HISTORICAL DIAGNOSIS

STAUFF FILTRATION TECHNOLOGY

RAPPORT D'ANALYSE D'HUILE

Sample Rating Trend



ISO(LES NORMES)

Identité de la machine
4 CYLINDRE
Composant
Système hydraulique
Fluid
TDH FLUID SAE 75W80 (--- GAL)

DIAGNOSTIC

▲ Recommendation

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. We advise that you check all areas where contaminants can enter the system. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. 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. Resample in 30-45 days to monitor this situation. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

Usure

All component wear rates are normal.

▲ Contamination

There is a high amount of particulates (2 to 100 microns in size) present in the oil. The water content is negligible.

État Du Fluide

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		**ST**	---	---
Date d'échant.		Client Info		**05 Mar 2024**	---	---
Âge d la Machine	hrs	Client Info		**0**	---	---
Âge de l'huile	hrs	Client Info		**0**	---	---
Huile changée		Client Info		**N/A**	---	---
Statut de l'échant.				**SEVERE**	---	---

MéTAUX D'USURE		methode	limite/base	actuel	passé1	passé2
Fer	ppm	ASTM D5185(m)	>20	**19**	---	---
Chrome	ppm	ASTM D5185(m)	>20	**1**	---	---
Nickel	ppm	ASTM D5185(m)	>20	**0**	---	---
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)	10	**15**	---	---
Baryum	ppm	ASTM D5185(m)	10	**0**	---	---
Molybdène	ppm	ASTM D5185(m)	10	**4**	---	---
Manganèse	ppm	ASTM D5185(m)		**0**	---	---
Magnésium	ppm	ASTM D5185(m)	100	**71**	---	---
Calcium	ppm	ASTM D5185(m)	3500	**2193**	---	---
Phosphore	ppm	ASTM D5185(m)	1150	**956**	---	---
Zinc	ppm	ASTM D5185(m)	1150	**1053**	---	---
Soufre	ppm	ASTM D5185(m)	3000	**2916**	---	---
Lithium	ppm	ASTM D5185(m)		**<1**	---	---

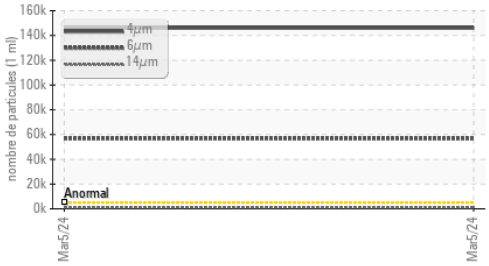
CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	>15	**8**	---	---
Sodium	ppm	ASTM D5185(m)		**3**	---	---
Potassium	ppm	ASTM D5185(m)	>20	**1**	---	---
Eau	%	ASTM D6304*	>0.05	**0.036**	---	---
ppm d'eau	ppm	ASTM D6304*	>500	**365**	---	---

PROPRETé DU FLUIDE		methode	limite/base	actuel	passé1	passé2
Particules >4µ		ASTM D7647	>5000	▲ **146027**	---	---
Particules >6µ		ASTM D7647	>1300	▲ **56745**	---	---
Particules >14µ		ASTM D7647	>160	▲ **1011**	---	---
Particules >21µ		ASTM D7647	>40	▲ **86**	---	---
Particules >38µ		ASTM D7647	>10	**2**	---	---
Particules >71µ		ASTM D7647	>3	**1**	---	---
Propreté de l'huile		ISO 4406 (c)	>19/17/14	▲ **24/23/17**	---	---

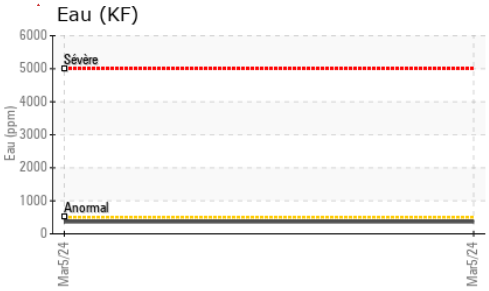
RAPPORT D'ANALYSE D'HUILE

STAUFF FILTRATION TECHNOLOGY

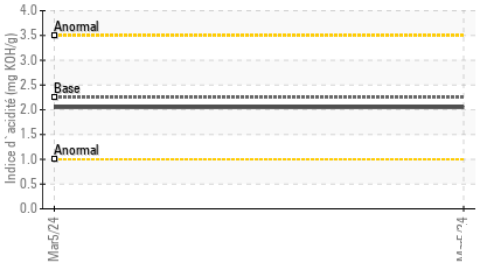
Tendance des particules



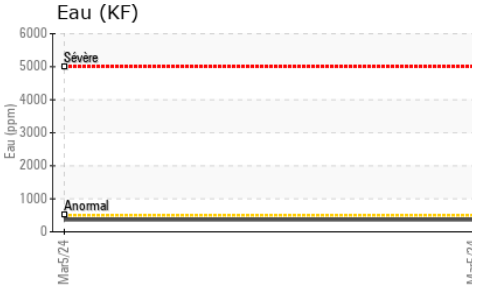
Eau (KF)



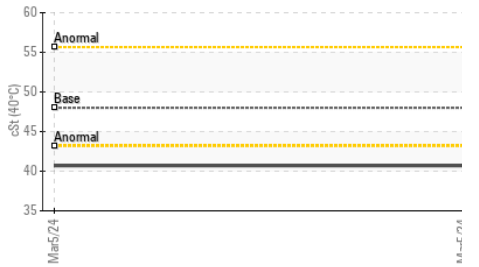
Indice d`acidité



Eau (KF)



Viscosité 40°C



FLUID DEGRADATION		methode	limite/base	actuel	passé1	passé2
Indice d'acidité	mg KOH/g	ASTM D974*	2.25	**2.05**	---	---

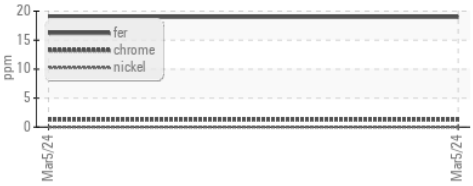
VISUEL		methode	limite/base	actuel	passé1	passé2
Métal blanc	scalar	Visual*	NONE	**NONE**	---	---
Bronze	scalar	Visual*	NONE	**NONE**	---	---
Précipié	scalar	Visual*	NONE	**NONE**	---	---
Limon	scalar	Visual*	NONE	**NONE**	---	---
Débris	scalar	Visual*	NONE	**NONE**	---	---
Saleté	scalar	Visual*	NONE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

PROPRIéTéS DU FLUID		methode	limite/base	actuel	passé1	passé2
Visc 40°C	cSt	ASTM D7279(m)	48	**40.7**	---	---

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

GRAPHIQUES

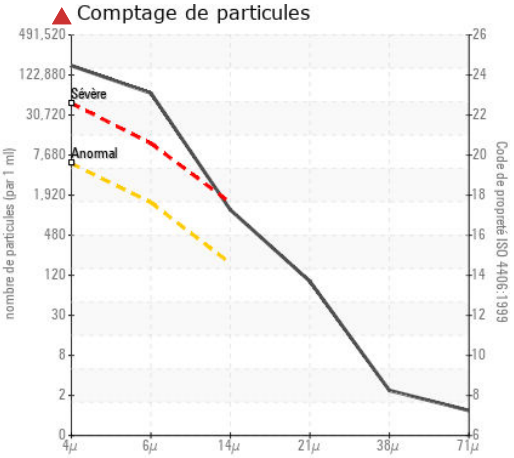
Alliages ferreux



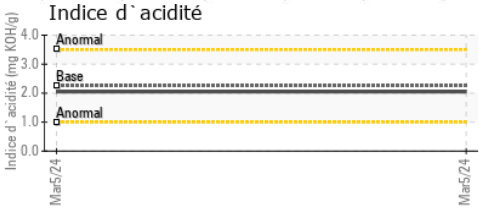
Métaux non-ferreux

Viscosité 40°C

Comptage de particules



Indice d`acidité



ISO 17025:2017 Accredited Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Nº d'échantillon : ST
Nº de laboratoire : 02620205
Numéro unique : 5737315
Analyse : IND 2 (Additional Tests: KF, TAN Man)
Reçu : 06 Mar 2024
Tested : 07 Mar 2024
Diagnostiqué : 07 Mar 2024 - Kevin Marson

Pour discuter cetter 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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