



Area  
**HYDROMECH**  
Machine Id  
**ELTEC 2FHS277LR0263**  
Component  
**Hydraulic System**  
Fluid  
**CASTROL HVI 32 (300 LTR)**

**RECOMMENDATION**

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>ST45668</b>	---	---
Sample Date		Client Info		<b>24 May 2024</b>	---	---
Machine Age	hrs	Client Info		<b>0</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

**WEAR**

Les taux d'usure de tous les composants sont normaux.

Iron	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
Lead	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
Copper	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Tin	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

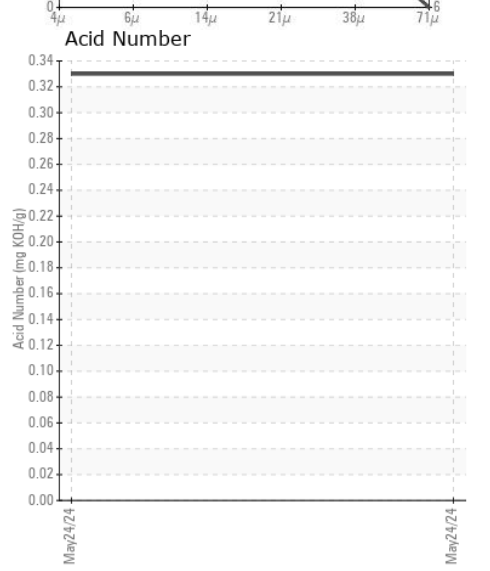
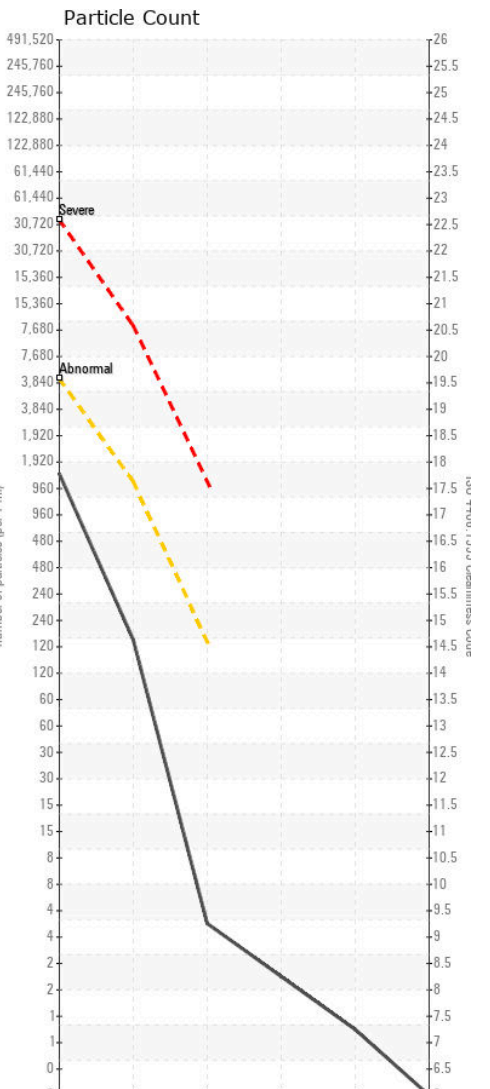
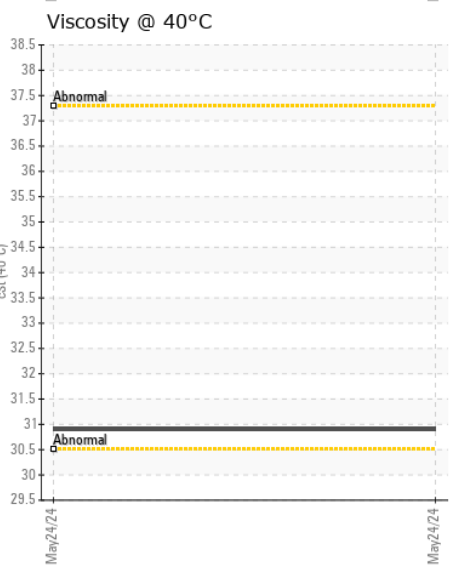
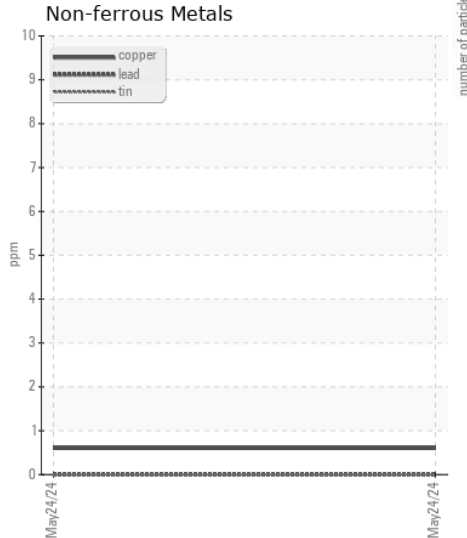
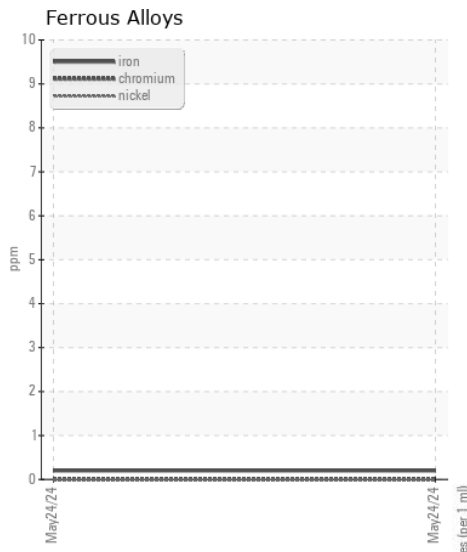
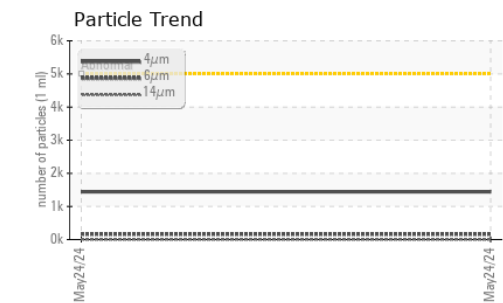
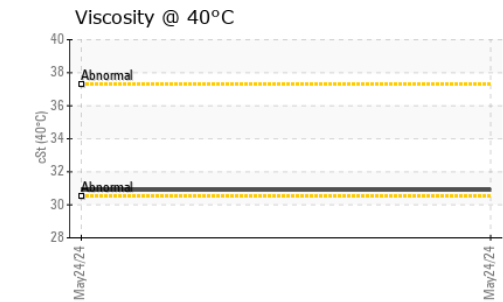
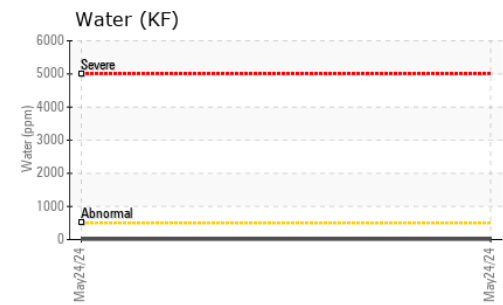
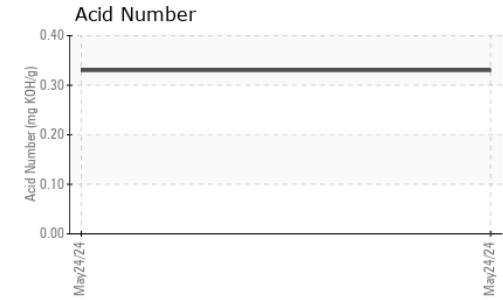
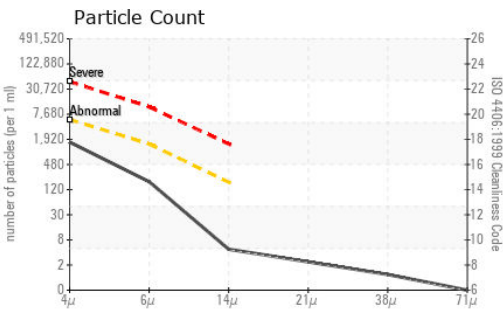
La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La teneur en eau est négligeable. La propreté du système et du fluide est acceptable.

Silicon	ppm	ASTM D5185(m)	>15	<b>6</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Water	%	ASTM D6304*	>0.05	<b>0.001</b>	---	---
ppm Water	ppm	ASTM D6304*	>500	<b>13</b>	---	---
Particles >4µm		ASTM D7647	>5000	<b>1441</b>	---	---
Particles >6µm		ASTM D7647	>1300	<b>164</b>	---	---
Particles >14µm		ASTM D7647	>160	<b>4</b>	---	---
Particles >21µm		ASTM D7647	>40	<b>2</b>	---	---
Particles >38µm		ASTM D7647	>10	<b>1</b>	---	---
Particles >71µm		ASTM D7647	>3	<b>0</b>	---	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>18/15/9</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	Visual*	>0.05	<b>NEG</b>	---	---

**FLUID CONDITION**

Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)		<b>1</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)		<b>101</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>75</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>313</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>387</b>	---	---
Sulfur	ppm	ASTM D5185(m)		<b>995</b>	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*		<b>0.33</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		<b>30.9</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : ST45668 **Received** : 10 Jun 2024  
**Lab Number** : 02640807 **Tested** : 11 Jun 2024  
**Unique Number** : 5789969 **Diagnosed** : 11 Jun 2024 - Kevin Marson  
**Test Package** : IND 2 ( Additional Tests: KF )

**HYDROMECH INC**  
 2921, BLVD WALLBERG  
 DOLBEAU, QC  
 CA G8L 1L6  
 Contact: Melissa Dubois  
 serviceadministrator@hydromec.ca  
 T: (418)276-5831E X:253  
 F: (418)276-8166

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.