



# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area

**GUAY SON/Empalme [CONHER]**

Machine Id

**ZF TTK EMP - John Tester #873**

Component

**Cutting Fluid**

Fluid

**MULTI-VIS ISO 15 (3000 LTR)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. ( Customer Sample Comment: Fluid: Multi-vis ISO 15 )

### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the cutting fluid. The amount and size of particulates present in the system are acceptable.

### Fluid Condition

The AN level is acceptable for this fluid. The condition of the cutting fluid is suitable for further service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>KL0014581</b>	---	---
Sample Date	Client Info			<b>10 May 2024</b>	---	---
Machine Age	mths	Client Info		<b>0</b>	---	---
Oil Age	mths	Client Info		<b>5</b>	---	---
Oil Changed	Client Info			<b>Not Chngd</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method			<b>NEG</b>	---	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130		<b>&lt;1</b>	---	---
Chromium	ppm	ASTM D6130		<b>0</b>	---	---
Nickel	ppm	ASTM D6130		<b>0</b>	---	---
Titanium	ppm	ASTM D6130		<b>&lt;1</b>	---	---
Silver	ppm	ASTM D6130		<b>1</b>	---	---
Aluminum	ppm	ASTM D6130		<b>0</b>	---	---
Lead	ppm	ASTM D6130		<b>&lt;1</b>	---	---
Copper	ppm	ASTM D6130		<b>3</b>	---	---
Tin	ppm	ASTM D6130		<b>0</b>	---	---
Vanadium	ppm	ASTM D6130		<b>&lt;1</b>	---	---
Cadmium	ppm	ASTM D6130		<b>0</b>	---	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D6130		<b>0</b>	---	---
Barium	ppm	ASTM D6130		<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D6130		<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D6130		<b>&lt;1</b>	---	---
Magnesium	ppm	ASTM D6130		<b>&lt;1</b>	---	---
Calcium	ppm	ASTM D6130		<b>91</b>	---	---
Phosphorus	ppm	ASTM D6130		<b>575</b>	---	---
Zinc	ppm	ASTM D6130		<b>716</b>	---	---
Sulfur	ppm	ASTM D6130		<b>1824</b>	---	---

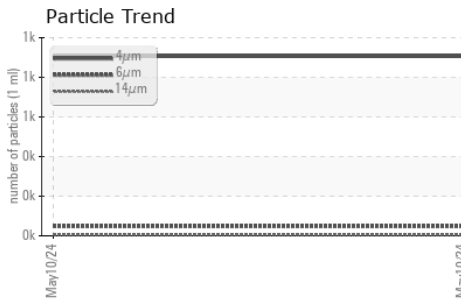
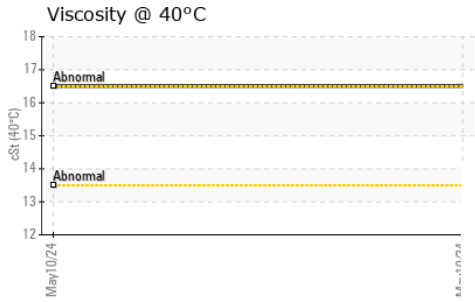
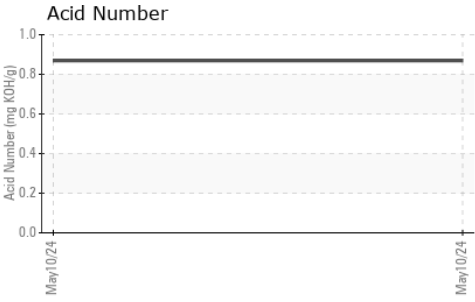
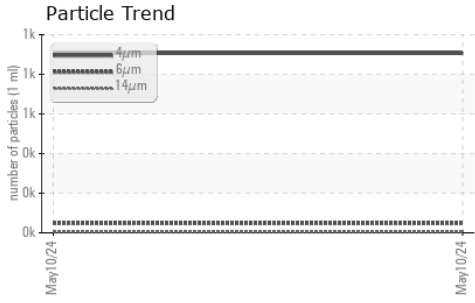
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		<b>&lt;1</b>	---	---
Sodium	ppm	ASTM D6130		<b>3</b>	---	---
Potassium	ppm	ASTM D6130	>20	<b>0</b>	---	---

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		<b>906</b>	---	---
Particles >6µm		ASTM D7647	>1300	<b>48</b>	---	---
Particles >14µm		ASTM D7647	>160	<b>5</b>	---	---
Particles >21µm		ASTM D7647	>40	<b>2</b>	---	---
Particles >38µm		ASTM D7647	>10	<b>0</b>	---	---
Particles >71µm		ASTM D7647	>3	<b>0</b>	---	---
Oil Cleanliness		ISO 4406 (c)	>17/14	<b>13/10</b>	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.869</b>	---	---



# OIL ANALYSIS REPORT



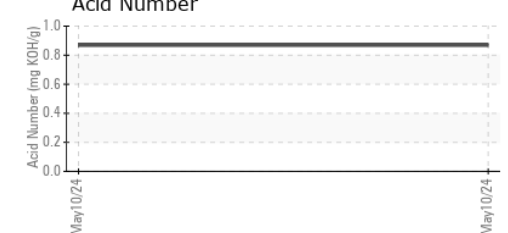
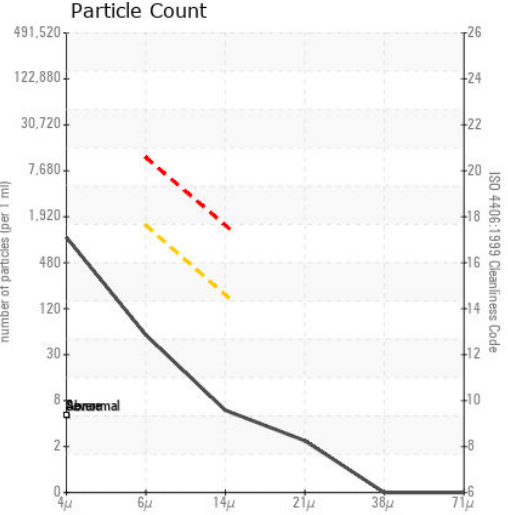
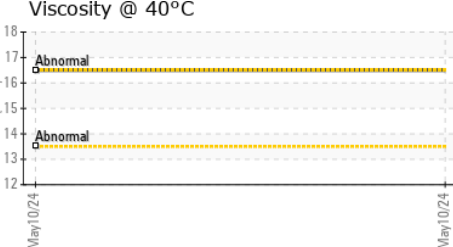
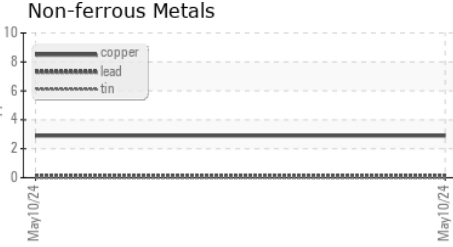
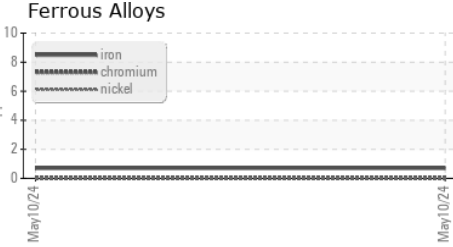
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	16.5	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color		no image	no image
Bottom		no image	no image

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : KL0014581      **Received** : 20 May 2024  
**Lab Number** : 06184821      **Tested** : 22 May 2024  
**Unique Number** : 11036147      **Diagnosed** : 22 May 2024 - Jonathan Hester  
**Test Package** : MOB 2 ( Additional Tests: PrtCount )

**CONOR**  
 JUAREZ 348  
 HERMOSILLO,  
 MX 83140

Contact: EDUARDO GARCIA  
 egarcia.comsa@gmail.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T: (526)622-1581 x:81

F: x: