

# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id **E-ONE T5** 

Component Hydraulic System

{not provided} (--- GAL)

#### DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

#### Wear

All component wear rates are normal.

## Contamination

Appearance is hazy. There is no indication of any contamination in the oil.

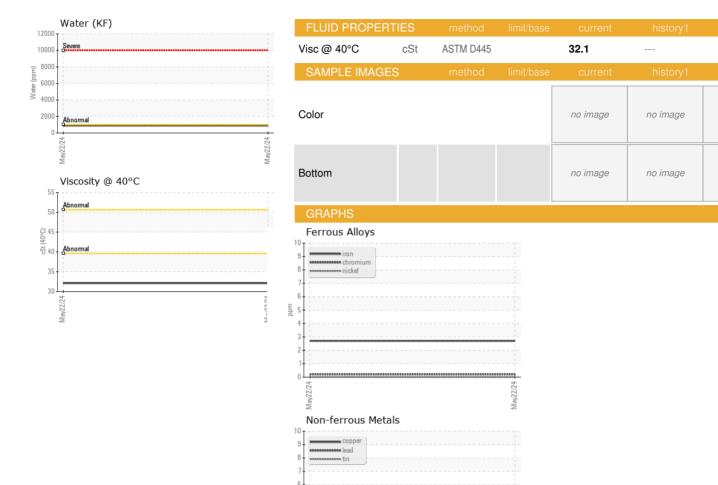
### **Fluid Condition**

The condition of the oil is acceptable for the time in service.

				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
		Client Info	mine bacc	WC0938821		
Sample Number						
Sample Date	hvo	Client Info		22 May 2024		
Machine Age Oil Age	hrs hrs	Client Info		0		
Oil Changed	1115	Client Info		Not Changd		
-		Ciletit IIIIO		ATTENTION		
Sample Status						
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	3		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>10	4		
Lead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>75	6		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		5		
Barium	ppm	ASTM D5185m		1		
Molybdenum	ppm	ASTM D5185m		2		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		51		
Calcium	ppm	ASTM D5185m		90		
Phosphorus	ppm	ASTM D5185m		318		
Zinc	ppm	ASTM D5185m		368		
Sulfur	ppm	ASTM D5185m		1045		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	9		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	2		
Water	%	ASTM D6304	>0.1	0.089		
ppm Water	ppm	ASTM D6304	>1000	890		
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	HAZY		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	0.2%		
Free Water	scalar	*Visual		NEG		



## **OIL ANALYSIS REPORT**







Certificate 12367

Sample No.

: WC0938821 Lab Number : 06200943 Unique Number : 11063066

36 34 32

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 05 Jun 2024 Tested

: 08 Jun 2024 Diagnosed : 08 Jun 2024 - Don Baldridge Test Package : FLEET ( Additional Tests: KF )

**ROBERTSDALE VFD** 22575 ST PAUL ST ROBERTSDALE, AL US 36567 Contact: FIRE CHIEF

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)

Viscosity @ 40°C

FIRECHIEF@ROBERTSDALE.ORG T:

Report Id: ROBROBAL [WUSCAR] 06200943 (Generated: 06/08/2024 13:25:38) Rev: 1

Contact/Location: FIRE CHIEF - ROBROBAL

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