

# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id 6974 Component Genset

{not provided} (--- GAL)

## DIAGNOSIS

#### Recommendation

We recommend you service the filters on this component if applicable. 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

There is a high amount of particulates present in the oil.

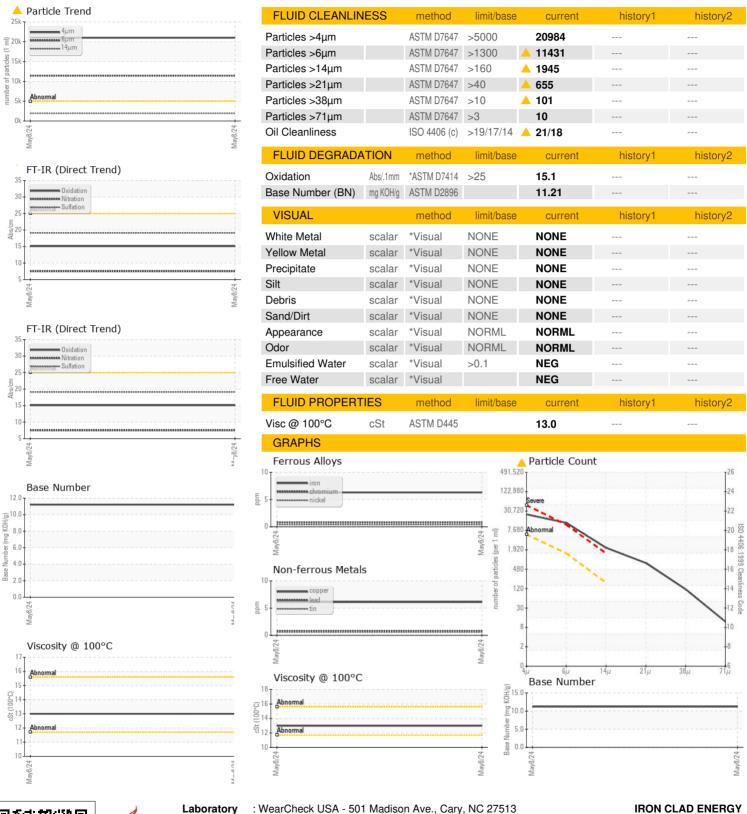
### **Fluid Condition**

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KL0014292		
Sample Date		Client Info		08 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
CONTAMINATION	١	method	limit/base	current	history1	history2
Fuel		WC Method	>4.0	<1.0		
Water		WC Method	>0.1	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	nnm	ASTM D5185m	>50	6		
Chromium	ppm	ASTM D5185m		o <1		
Nickel	ppm	ASTM D5185m	>4	<1 <1		
	ppm	ASTM D5185m	>2	<1		
Titanium Silver	ppm		. <i>E</i>			
	ppm	ASTM D5185m	>5 >12	<1 4		
Aluminum	ppm	ASTM D5185m	–	-		
Lead	ppm	ASTM D5185m	>17	<1		
Copper	ppm	ASTM D5185m	>70	6		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		5		
Barium	ppm	ASTM D5185m		2		
Molybdenum	ppm	ASTM D5185m		269		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		955		
Calcium	ppm	ASTM D5185m		1168		
Phosphorus	ppm	ASTM D5185m		1126		
Zinc	ppm	ASTM D5185m		1287		
Sulfur	ppm	ASTM D5185m		3523		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	6		
Sodium	ppm	ASTM D5185m		4		
Potassium	ppm	ASTM D5185m	>20	3		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.2		
Nitration	Abs/cm	*ASTM D7624	>20	7.5		
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.1		



# OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: KL0014292 Lab Number : 06181526

Unique Number : 11032852

Diagnosed

Received

**Tested** 

: 16 May 2024

: 17 May 2024

: 20 May 2024 - Angela Borella

Test Package : MOB 2 ( Additional Tests: PrtCount ) To discuss this sample report, contact Customer Service at 1-800-237-1369.

 $^st$  - 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)

9015 W COUNTY RD 127 MIDLAND, TX

US 79706 Contact: TREVOR FRENETTE

F: Contact/Location: TREVOR FRENETTE - IROMID

T: