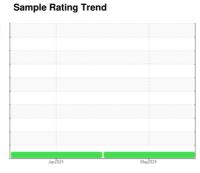


# **OIL ANALYSIS REPORT**

Area
SULLUBE SULLAIR 201705190044 - CHIEF ETHANOL Component Compressor





## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the

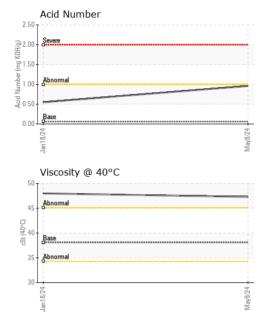
## **Fluid Condition**

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

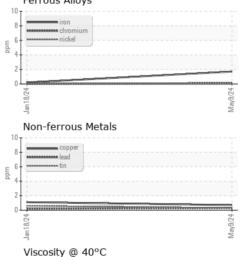
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06196789	UCS06083781	
Sample Date		Client Info		09 May 2024	18 Jan 2024	
Machine Age	hrs	Client Info		55221	52540	
Oil Age	hrs	Client Info		7000	0	
Oil Changed		Client Info		Not Changd	N/A	
Sample Status				NORMAL	NORMAL	
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	2	<1	
Chromium	ppm	ASTM D5185m	>10	<1	0	
Nickel	ppm	ASTM D5185m		0	0	
Titanium	ppm	ASTM D5185m		<1	<1	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	2	1	
Lead	ppm	ASTM D5185m	>25	<1	<1	
Copper	ppm	ASTM D5185m	>50	<1	1	
Tin	ppm	ASTM D5185m	>15	<1	<1	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		<1	<1	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	
Barium	ppm	ASTM D5185m	745	38	148	
Molybdenum	ppm	ASTM D5185m	0.0	<1	<1	
Manganese	ppm	ASTM D5185m		0	0	
Magnesium	ppm	ASTM D5185m	0.0	0	1	
Calcium	ppm	ASTM D5185m	1	<1	2	
Phosphorus	ppm	ASTM D5185m	3	11	0	
Zinc	ppm	ASTM D5185m	0.1	<1	9	
Sulfur	ppm	ASTM D5185m	240	107	75	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	2	<1	
Sodium	ppm	ASTM D5185m		52	73	
Potassium	ppm	ASTM D5185m	>20	4	4	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	.06	0.96	0.55	

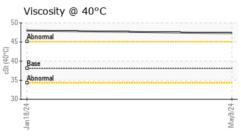


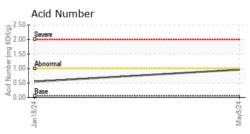
# **OIL ANALYSIS REPORT**















Certificate 12367

Laboratory Sample No.

: UCH06196789 Lab Number : 06196789

Unique Number : 11058912 Test Package : IND 2

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

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 31 May 2024 **Tested** 

Diagnosed

: 03 Jun 2024 : 04 Jun 2024 - Don Baldridge

655 240TH STREET WATERLOO, NE US 68069

Contact: CHASE SVOBODA chase.svoboda@rage-energy.com T: (402)614-9926

**RASMUSSEN AIR & GAS ENERGY - RAGE** 

 $^st$  - 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)