

# **OIL ANALYSIS REPORT**

# Sample Rating Trend

# **NORMAL**

Machine Id

# LEROI VRUOXY0058 (S/N SC361532)

Compressor

CIMARRON HB-150 (--- GAL)

### Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

The water content is negligible. The amount and size of particulates present in the system are acceptable.

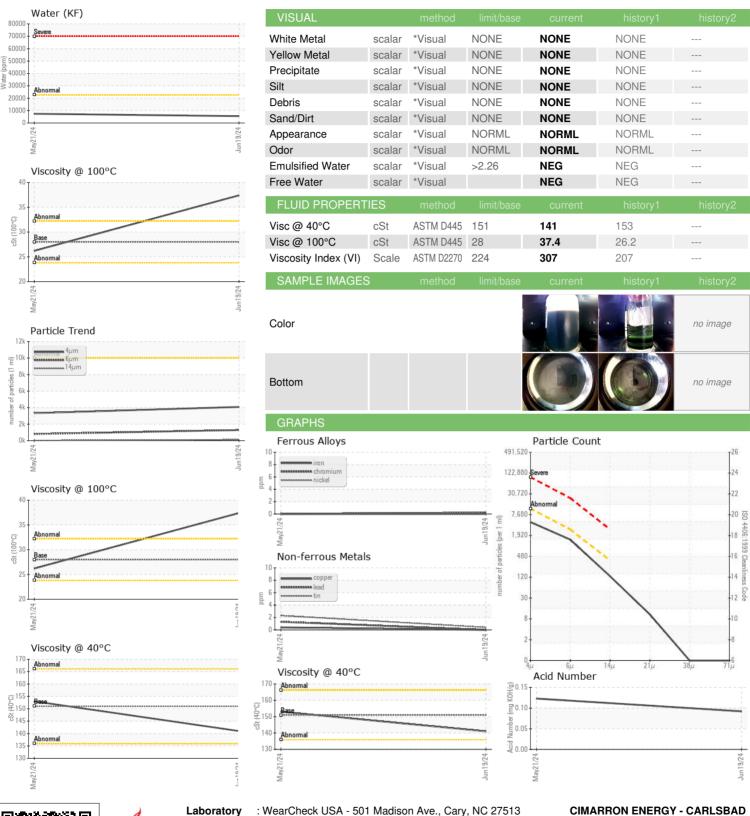
## **Fluid Condition**

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

			May2024	Jun2024		
CAMPLE INCOR	AATION		12 24 //			1: 0
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO90004522	TO90004093	
Sample Date		Client Info		19 Jun 2024	21 May 2024	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	NORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	
Chromium	ppm	ASTM D5185m	>10	<1	0	
Nickel	ppm	ASTM D5185m		0	0	
Titanium	ppm	ASTM D5185m		0	<1	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	2	<1	
Lead	ppm	ASTM D5185m	>25	0	1	
Copper	ppm	ASTM D5185m	>50	0	<1	
Tin	ppm	ASTM D5185m	>15	<1	2	
Vanadium	ppm	ASTM D5185m		0	<1	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	2	0	
Barium	ppm	ASTM D5185m	0	0	0	
Molybdenum	ppm	ASTM D5185m	0	0	0	
Manganese	ppm	ASTM D5185m		0	<1	
Magnesium	ppm	ASTM D5185m	0	<1	0	
Calcium	ppm	ASTM D5185m	0	0	0	
Phosphorus	ppm	ASTM D5185m	0	0	10	
Zinc	ppm	ASTM D5185m	0	<1	2	
Sulfur	ppm	ASTM D5185m	0	150	908	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	<1	
Sodium	ppm	ASTM D5185m		3	0	
Potassium	ppm	ASTM D5185m	>20	<1	3	
Water	%	ASTM D6304	>2.26	0.555	0.746	
ppm Water	ppm	ASTM D6304	>22600	5550	7465	
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	4083	3332	
Particles >6µm		ASTM D7647	>2500	1279	808	
Particles >14μm		ASTM D7647	>320	113	23	
Particles >21µm		ASTM D7647		9	2	
Particles >38µm		ASTM D7647	>20	0	0	
Particles >71μm		ASTM D7647		0	0	
Oil Cleanliness		ISO 4406 (c)	>20/18/15	19/17/14	19/17/12	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.092	0.123	



# OIL ANALYSIS REPORT







Certificate 12367

Lab Number

Laboratory Sample No.

: TO90004522 : 06221298 Unique Number : 11099495

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 26 Jun 2024 **Tested** 

: 27 Jun 2024 Diagnosed

: 28 Jun 2024 - Don Baldridge Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, VI) To discuss this sample report, contact Customer Service at 1-800-237-1369.

CARLSBAD, NM UM 88220-8923 Contact: CARLOS LEAL cleal@cimarron.com T:

4425 GRANDI RD, UNIT F

 $^st$  - 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)

Report Id: CIMCAR [WUSCAR] 06221298 (Generated: 06/29/2024 02:40:19) Rev: 1

Contact/Location: CARLOS LEAL - CIMCAR

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