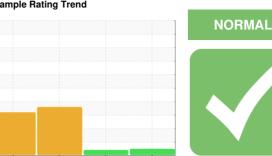


# **OIL ANALYSIS REPORT**

### Sample Rating Trend



Machine Id

# **LEROI VRUOXY0002 - HP2 (S/N LE17850)**

Compressor

CIMARRON HB-150 (--- GAL)

#### 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 oil. The amount and size of particulates present in the system are acceptable.

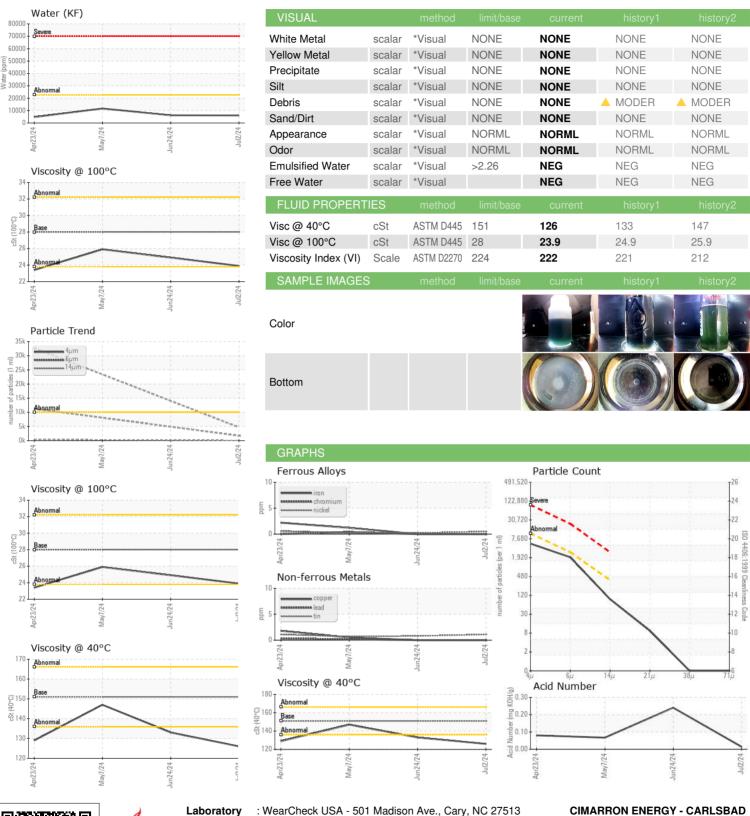
### **Fluid Condition**

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

		Apr202	May2024	Jun 2024 Ji	ul2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO90004506	TO90004111	TO90004209
Sample Date		Client Info		02 Jul 2024	24 Jun 2024	07 May 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	Changed
Sample Status				NORMAL	ABNORMAL	SEVERE
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	1
Chromium	ppm	ASTM D5185m	>10	0	0	<1
Nickel	ppm	ASTM D5185m		<1	<1	<1
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	<1	2
Lead	ppm	ASTM D5185m	>25	0	0	<1
Copper	ppm	ASTM D5185m	>50	0	0	<1
Tin	ppm	ASTM D5185m	>15	1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	1	<1	0
Barium	ppm	ASTM D5185m	0	0	0	1
Molybdenum	ppm	ASTM D5185m	0	0	0	<1
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	0	0	0	<1
Calcium	ppm	ASTM D5185m	0	0	0	4
Phosphorus	ppm	ASTM D5185m	0	0	2	14
Zinc	ppm	ASTM D5185m	0	0	0	3
Sulfur	ppm	ASTM D5185m	0	137	761	160
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	<1	23
Sodium	ppm	ASTM D5185m		0	<1	2
Potassium	ppm	ASTM D5185m	>20	3	2	2
Water	%	ASTM D6304	>2.26	0.605	0.620	<b>▲</b> 1.17
ppm Water	ppm	ASTM D6304	>22600	6050	6200	<b>1</b> 1700
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	4700		
Particles >6µm		ASTM D7647	>2500	1725		
Particles >14μm		ASTM D7647	>320	80		
Particles >21µm		ASTM D7647	>80	8		
Particles >38µm		ASTM D7647	>20	0		
Particles >71µm		ASTM D7647	>4	0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	19/18/13		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.014	0.24	0.067



## OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number

: TO90004506 : 06233917

Unique Number : 11122751

Received : 11 Jul 2024 **Tested** : 16 Jul 2024 Diagnosed

: 16 Jul 2024 - Jonathan Hester

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

\* - 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] 06233917 (Generated: 07/16/2024 14:46:15) Rev: 1

Contact/Location: CARLOS LEAL - CIMCAR

F: