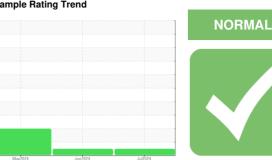


# **OIL ANALYSIS REPORT**

## Sample Rating Trend



Machine Id

# LEROI 111923 - HP4 (S/N LE17275)

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**

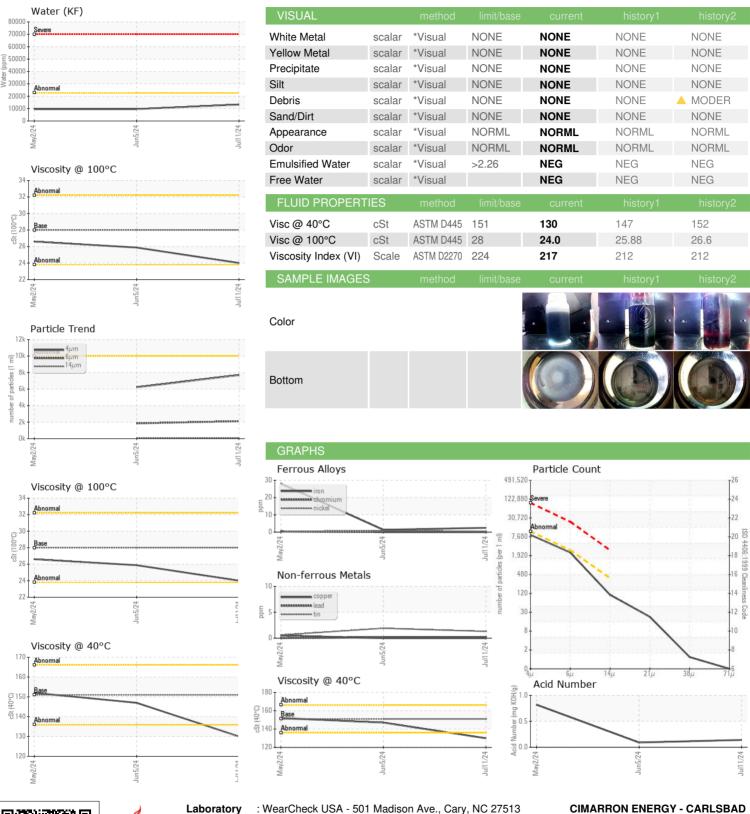
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

		Ma	y2024	Jun2024 Jul20	74	
		mo	Y2.02.7	00112024 501120		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO90004487	TO90004077	TO90004235
Sample Date		Client Info		11 Jul 2024	05 Jun 2024	02 May 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	2	1	28
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		<1	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	<1	2
Lead	ppm	ASTM D5185m	>25	<1	<1	0
Copper	ppm	ASTM D5185m	>50	0	0	<1
Tin	ppm	ASTM D5185m	>15	1	2	<1
Vanadium	ppm	ASTM D5185m		0	<1	<1
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	2	1	0
Barium	ppm	ASTM D5185m	0	0	0	1
Molybdenum	ppm	ASTM D5185m	0	0	0	<1
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m	0	0	3	<1
Calcium	ppm	ASTM D5185m	0	0	2	4
Phosphorus	ppm	ASTM D5185m	0	7	14	80
Zinc	ppm	ASTM D5185m	0	0	8	3
Sulfur	ppm	ASTM D5185m	0	301	283	9049
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	<1	<1
Sodium	ppm	ASTM D5185m		6	2	2
Potassium	ppm	ASTM D5185m	>20	5	5	2
Water	%	ASTM D6304	>2.26	1.33	0.961	△ 0.959
ppm Water	ppm	ASTM D6304	>22600	13300	9610	<b>△</b> 9590
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	7697	6223	
Particles >6µm		ASTM D7647	>2500	2110	1847	
Particles >14μm		ASTM D7647	>320	95	88	
Particles >21µm		ASTM D7647	>80	19	17	
Particles >38µm		ASTM D7647	>20	1	0	
Particles >71µm		ASTM D7647	>4	0	0	
Oil Cleanliness		ISO 4406 (c)	>20/18/15	20/18/14	20/18/14	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.14	0.09	0.82

Contact/Location: CARLOS LEAL - CIMCAR



# OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

Lab Number : 06233914 Unique Number : 11122748

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : TO90004487 Received

: 11 Jul 2024 **Tested** Diagnosed

: 16 Jul 2024

: 16 Jul 2024 - Jonathan Hester Test Package : IND 2 ( Additional Tests: KF, KV100, PrtCount, VI )

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

4425 GRANDI RD, UNIT F

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)

Report Id: CIMCAR [WUSCAR] 06233914 (Generated: 07/16/2024 14:45:56) Rev: 1

Contact/Location: CARLOS LEAL - CIMCAR

F: