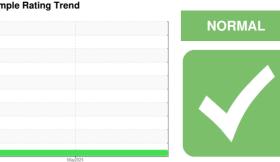


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

CAS 112335 (S/N 22050088)

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. Please note that this is a corrected copy.

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 acceptable for the time in service.

		L				
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
		Client Info		TO90004096		
Sample Number Sample Date		Client Info		20 May 2024		
Machine Age	hrs	Client Info		0 Way 2024		
Oil Age	hrs	Client Info		0		
Oil Changed	1113	Client Info		Changed		
Sample Status		Oliciti IIIIo		NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>70	<1		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>3	<1		
Lead	ppm	ASTM D5185m	>4	1		
Copper	ppm	ASTM D5185m	>20	- <1		
Tin	ppm	ASTM D5185m	>3	2		
Vanadium	ppm	ASTM D5185m		- <1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
	10.10.100					
Boron Barium	ppm	ASTM D5185m	0	<1 0		
	ppm	ASTM D5185m ASTM D5185m	0	0		
Monganasa	ppm	ASTM D5185m	U	ں <1		
Manganese Magnesium	ppm	ASTM D5185m	0	0		
Calcium	ppm	ASTM D5185m	0	0		
Phosphorus	ppm	ASTM D5185m	0	2		
Zinc	ppm	ASTM D5185m	0	0		
Sulfur	ppm	ASTM D5185m	0	27		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>45	1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	4		
Water	%	ASTM D6304	>2.26	0.474		
ppm Water	ppm	ASTM D6304	>22600	4746		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	3740		
Particles >6µm		ASTM D7647	>2500	1005		
Particles >14μm		ASTM D7647	>320	51		
Particles >21µm		ASTM D7647	>80	7		
Particles >38μm		ASTM D7647	>20	0		
Particles >71µm		ASTM D7647	>4	0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	19/17/13		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
A siel Nivershau (ANI)	ma 1/011/a	ACTM DODAE		0.062		

0.062

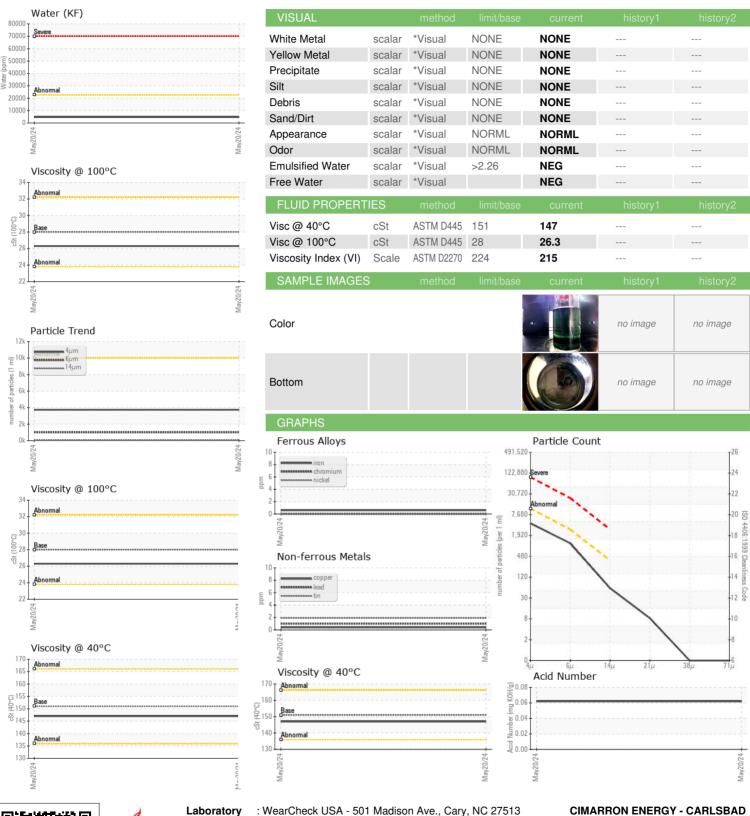
Acid Number (AN)

mg KOH/g ASTM D8045

Contact/Location: CARLOS LEAL - CIMCAR



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

: TO90004096 Lab Number : 06204747 Unique Number : 11072208

Received : 10 Jun 2024 **Tested** : 13 Jun 2024

Diagnosed Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, VI)

: 13 Jun 2024 - Doug Bogart To discuss this sample report, contact Customer Service at 1-800-237-1369.

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

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] 06204747 (Generated: 06/22/2024 14:44:57) Rev: 2

Contact/Location: CARLOS LEAL - CIMCAR

T:

F: