

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id

111452 - LP3 (S/N SC287813) Compressor

Fluid

CIMARRON HB-150 (--- GAL)

Recommendation

Resample at the next service interval to monitor.

Wear

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.

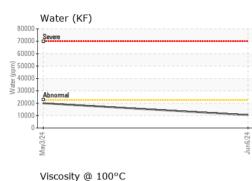
Fluid Condition

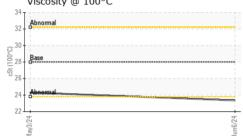
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

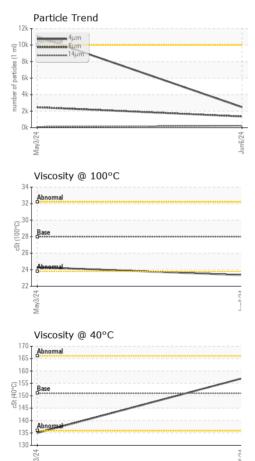
	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO90004141	TO90003984	
Sample Date		Client Info		06 Jun 2024	03 May 2024	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Oil Changed		Client Info		N/A	Changed	
Sample Status				NORMAL	SEVERE	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>70	0	<1	
Chromium	ppm	ASTM D5185m	>10	0	<1	
Nickel	ppm	ASTM D5185m		<1	<1	
Titanium	ppm	ASTM D5185m		0	<1	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>3	<1	3	
Lead	ppm	ASTM D5185m	>4	0	<1	
Copper	ppm	ASTM D5185m	>20	0	<1	
Tin	ppm	ASTM D5185m	>3	2	<1	
Vanadium	ppm	ASTM D5185m		- <1	<1	
Cadmium	ppm	ASTM D5185m		<1	<1	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<1	0	
Barium	ppm	ASTM D5185m		0	1	
Molybdenum	ppm	ASTM D5185m	0	0	<1	
Manganese	ppm	ASTM D5185m	Ŭ	<1	0	
Magnesium	ppm	ASTM D5185m	0	3	<1	
Calcium	ppm	ASTM D5185m		2	4	
Phosphorus	ppm	ASTM D5185m	0	2	24	
Zinc	ppm	ASTM D5185m		6	2	
Sulfur	ppm		0	143	187	
CONTAMINANTS	ppiii	method	limit/base	current	history1	history2
		ASTM D5185m				
Silicon Sodium	ppm	ASTM D5185m	>45	<1 0	2 5	
	ppm		>20		2	
Potassium Water	ppm %	ASTM D5185m ASTM D6304		5 1.04	∠ 2.00	
				-		
ppm Water	ppm	ASTM D6304		10400	▲ 20000	
FLUID CLEANLINE	SS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	2479	11049	
Particles >6µm		ASTM D7647	>2500	1351	2471	
Particles >14µm		ASTM D7647	>320	230	101	
Particles >21µm		ASTM D7647	>80	77	17	
Particles >38µm		ASTM D7647	>20	12	1	
Particles >71µm		ASTM D7647	>4	1	1	
Oil Cleanliness		ISO 4406 (c)	>20/18/15	18/18/15	21/18/14	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	mg KOH/g	ASTM D8045		0.07	0.147	

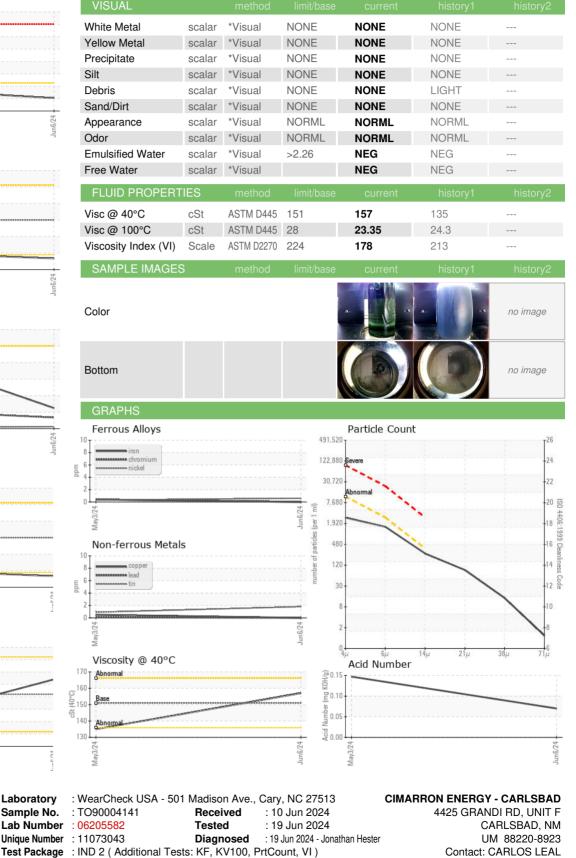


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To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - 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)

Certificate 12367

Laboratory

Sample No.

Lab Number

Contact/Location: CARLOS LEAL - CIMCAR Page 2 of 2

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T:

F: