

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

VRUOXY0045 - LP2

Compressor Fluid CIMARRON HB-150 (--- GAL)

DIAGNOSIS

A 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

There is a high concentration of water present in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

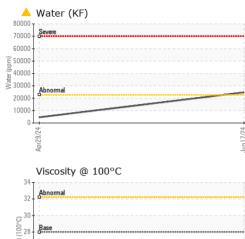
The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

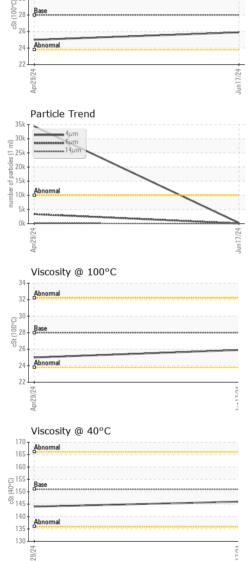
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO90004518	TO90004026	
Sample Date		Client Info		17 Jun 2024	29 Apr 2024	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	N/A	
Sample Status				ABNORMAL	ABNORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	3	3	
Chromium	ppm	ASTM D5185m	>10	<1	0	
Nickel	ppm	ASTM D5185m		0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	2	1	
Lead	ppm	ASTM D5185m	>25	0	<1	
Copper	ppm	ASTM D5185m		0	2	
Tin		ASTM D5185m	>15	0	1	
Vanadium	ppm	ASTM D5185m	×10	0	0	
Cadmium	ppm ppm	ASTM D5185m		0	0	
ADDITIVES	le le	method	limit/base	current	history1	history2
Boron	nnm	ASTM D5185m	0	<1	0	
	ppm	ASTM D5185m		0	0	
Barium	ppm			-	÷	
Molybdenum	ppm	ASTM D5185m	0	0	<1	
Manganese	ppm	ASTM D5185m		0	<1	
Magnesium	ppm	ASTM D5185m	0	<1	0	
Calcium	ppm		0	0	0	
Phosphorus	ppm	ASTM D5185m	0	0	20	
Zinc	ppm	ASTM D5185m	0	0	2	
Sulfur	ppm	ASTM D5185m	0	147	481	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	4	
Sodium	ppm	ASTM D5185m		4	5	
Potassium	ppm	ASTM D5185m	>20	<1	3	
Water	%	ASTM D6304	>2.26	<u> </u>	0.460	
ppm Water	ppm	ASTM D6304	>22600	4 24700	4600	
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	235	▲ 34392	
Particles >6µm		ASTM D7647	>2500	78	▲ 3349	
Particles >14µm		ASTM D7647	>320	8	149	
Particles >21µm		ASTM D7647	>80	2	29	
Particles >38µm		ASTM D7647	>20	0	0	
		ASTM D7647	>4	0	0	
Particles >71µm						
Particles >71µm Oil Cleanliness		ISO 4406 (c)	>20/18/15	15/13/10	🔺 22/19/14	
	TION	ISO 4406 (c) method	>20/18/15 limit/base	15/13/10 current	22/19/14 history1	history2

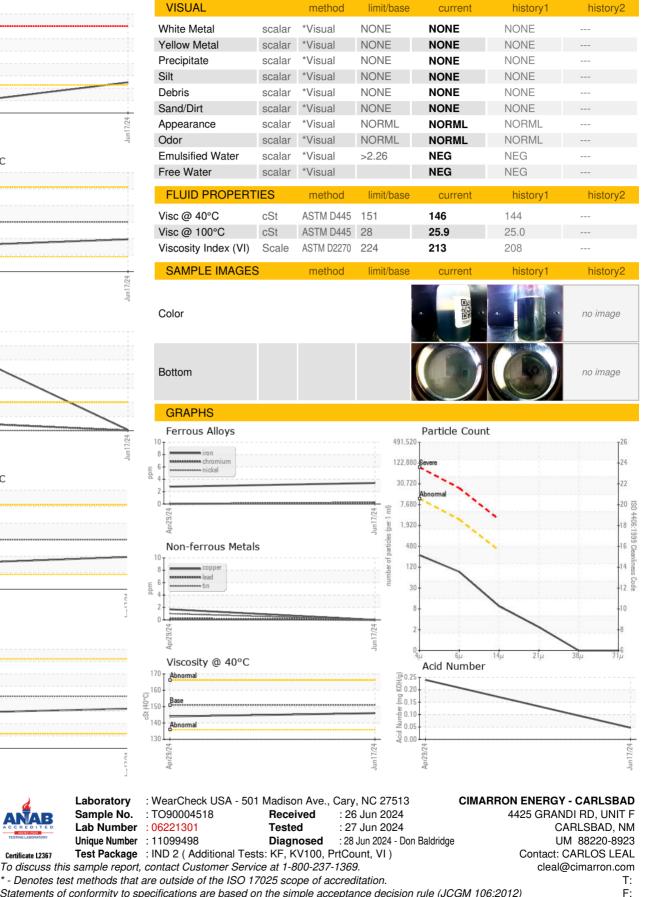
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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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Laboratory

Sample No.

Certificate 12367

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