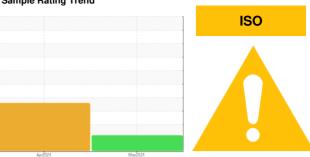


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

NK 111921 (S/N 5680X196)

Compressor

CIMARRON HB-150 (--- GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor. Please note that there was too much water present in the oil to perform an accurate viscosity test @100C. Please note that this is a corrected copy.

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

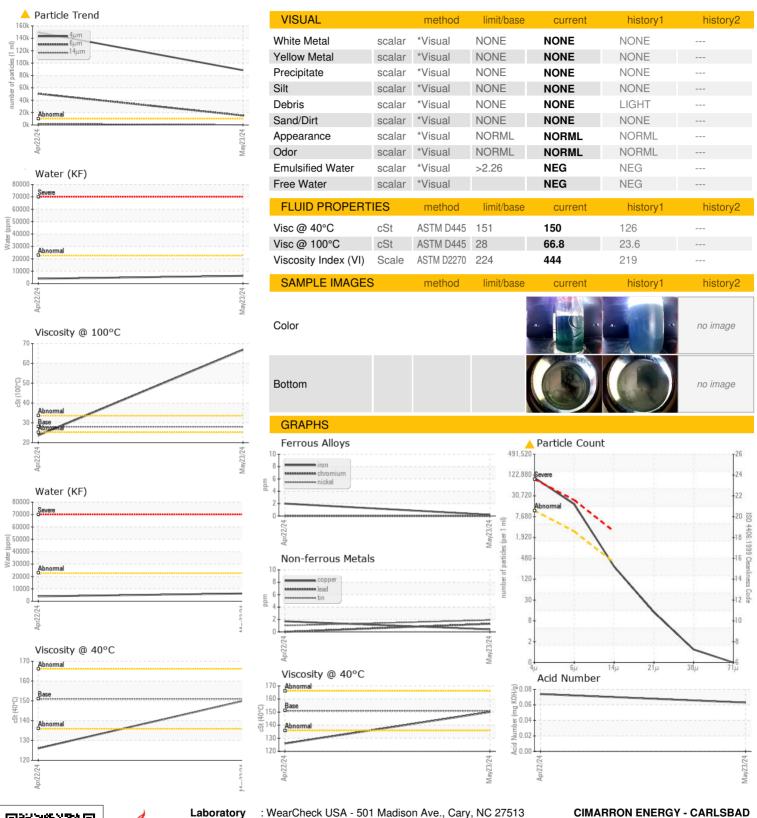
Fluid Condition

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

			Apr2024	May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO90004044	TO90004047	
Sample Date		Client Info		23 May 2024	22 Apr 2024	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Oil Changed	1113	Client Info		N/A	N/A	
Sample Status		Oliciti IIIIo		ABNORMAL	ABNORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron Chromium	ppm	ASTM D5185m	>50	<1 0	2	
Nickel	ppm		>10	0		
	ppm	ASTM D5185m		_	0	
Titanium	ppm	ASTM D5185m		<1	0	
Silver	ppm	ASTM D5185m	٥٢	0	0	
Aluminum	ppm	ASTM D5185m		<1	<1	
Lead	ppm	ASTM D5185m	>25	1	0	
Copper	ppm	ASTM D5185m		<1	2	
Tin	ppm	ASTM D5185m	>15	2	1	
Vanadium	ppm	ASTM D5185m		<1	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	
Barium	ppm	ASTM D5185m	0	0	0	
Molybdenum	ppm	ASTM D5185m	0	0	<1	
Manganese	ppm	ASTM D5185m		<1	<1	
Magnesium	ppm	ASTM D5185m	0	0	0	
Calcium	ppm	ASTM D5185m	0	0	0	
Phosphorus	ppm	ASTM D5185m	0	5	0	
Zinc	ppm	ASTM D5185m	0	0	0	
Sulfur	ppm	ASTM D5185m	0	128	4	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	17	
Sodium	ppm	ASTM D5185m		0	<1	
Potassium	ppm	ASTM D5185m	>20	3	2	
Water	%	ASTM D6304	>2.26	0.625	▲ 0.392	
ppm Water	ppm	ASTM D6304	>22600	6253	▲ 3920	
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	<u></u> 88416	<u></u> 149615	
Particles >6µm		ASTM D7647	>2500	15292	△ 50520	
Particles >14µm		ASTM D7647	>320	246	<u> </u>	
Particles >21µm		ASTM D7647	>80	12	<u>^</u> 221	
Particles >38µm		ASTM D7647	>20	1	3	
Particles >71µm		ASTM D7647	>4	0	1	
Oil Cleanliness		ISO 4406 (c)	>20/18/15	<u>4</u> 24/21/15	<u>4</u> 24/23/18	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.063	0.074	
` /	0 0					



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06204758 Unique Number : 11072219

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : TO90004044

Received : 10 Jun 2024 **Tested** Diagnosed

: 13 Jun 2024

: 13 Jun 2024 - Doug Bogart Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, VI)

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

4425 GRANDI RD, UNIT F

CARLSBAD, NM

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] 06204758 (Generated: 06/15/2024 08:43:22) Rev: 1

Contact/Location: CARLOS LEAL - CIMCAR

F: