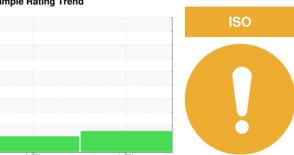


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

LEROI VRUOXY0025 (S/N 5680X174)

Compressor

CIMARRON HB-150 (--- GAL)

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

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

Fluid Condition

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

		,	Apr2024	Jun2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO90004544	TO90003972	
Sample Number		Client Info		13 Jun 2024	15 Apr 2024	
	bro	Client Info		0		
Machine Age	hrs hrs	Client Info		0	0	
Oil Age	1115	Client Info		-	N/A	
Oil Changed Sample Status		Ciletit IIIIO		Changed ATTENTION	ATTENTION	
				ATTENTION		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	14	32	
Chromium	ppm	ASTM D5185m	>10	<1	<1	
Nickel	ppm	ASTM D5185m		0	<1	
Titanium	ppm	ASTM D5185m		0	<1	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	2	3	
Lead	ppm	ASTM D5185m	>25	0	0	
Copper	ppm	ASTM D5185m	>50	0	<1	
Tin	ppm	ASTM D5185m	>15	0	<1	
Vanadium	ppm	ASTM D5185m		0	<1	
Cadmium	ppm	ASTM D5185m		0	<1	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	2	2	
Barium	ppm	ASTM D5185m	0	0	0	
Molybdenum	ppm	ASTM D5185m	0	0	<1	
Manganese	ppm	ASTM D5185m		0	<1	
Magnesium	ppm	ASTM D5185m	0	<1	<1	
Calcium	ppm	ASTM D5185m	0	0	3	
Phosphorus	ppm	ASTM D5185m	0	12	53	
Zinc	ppm	ASTM D5185m	0	1	6	
Sulfur	ppm	ASTM D5185m	0	180	449	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	1	
Sodium	ppm	ASTM D5185m		4	7	
Potassium	ppm	ASTM D5185m	>20	<1	1	
Water	%	ASTM D6304	>2.26	0.498	0.975	
ppm Water	ppm	ASTM D6304	>22600	4980	9758	
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647	>10000	11317	12415	
Particles >6µm		ASTM D7647	>2500	4666	3994	
Particles >14μm		ASTM D7647	>320	442	210	
Particles >21µm		ASTM D7647	>80	68	35	
Particles >38μm		ASTM D7647	>20	2	1	
Particles >71μm		ASTM D7647	>4	0	0	
Oil Cleanliness		ISO 4406 (c)	>20/18/15	2 1/19/16	21/19/15	
FLUID DEGRADA	TION _	method	limit/base	current	history1	history2

Acid Number (AN)

mg KOH/g ASTM D8045

0.40

0.21



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number

: TO90004544 : 06221293 Unique Number : 11099490

Received : 26 Jun 2024 **Tested**

: 27 Jun 2024 Diagnosed : 27 Jun 2024 - Don Baldridge

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

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

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

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] 06221293 (Generated: 06/27/2024 17:25:49) Rev: 1

Contact/Location: CARLOS LEAL - CIMCAR

F: