

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

LEROI VRUOXY0005 - HP5 (S/N 5680X173)

Compressor

CIMARRON HB-150 (--- GAL)

Recommendation

No corrective action is recommended at this time. 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 moderate amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

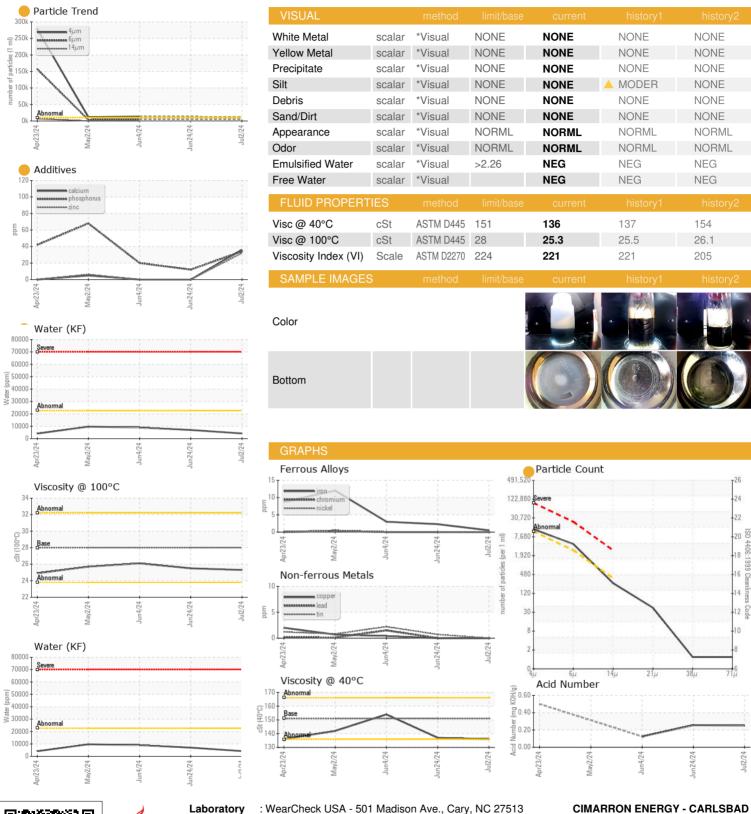
Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid.

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Apr2024	May2024	Jun2024	Jun2024	Jul2024

Sample Number		Client Info		TO90004505	TO90004112	TO90004153
Sample Date		Client Info		02 Jul 2024	24 Jun 2024	04 Jun 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	N/A
Sample Status				ATTENTION	ABNORMAL	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	2	3
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	<1	1
Lead	ppm	ASTM D5185m	>25	0	0	2
Copper	ppm	ASTM D5185m	>50	0	0	<1
Tin	ppm	ASTM D5185m	>15	0	<1	2
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	4	<1	<1
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m	0	12	0	0
Calcium	ppm	ASTM D5185m	0	9 36	0	0
Phosphorus	ppm	ASTM D5185m	0	34	12	20
Zinc	ppm	ASTM D5185m	0	32	0	0
Sulfur	ppm	ASTM D5185m	0	1097	195	839
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	<1	<1
Sodium	ppm	ASTM D5185m		2	0	0
Potassium	ppm	ASTM D5185m	>20	8	1	3
Water	%	ASTM D6304	>2.26	0.421	0.701	0.897
ppm Water	ppm	ASTM D6304	>22600	4210	7010	8976
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	<u> </u>		13607
Particles >6µm		ASTM D7647	>2500	93952		4084
Particles >14μm		ASTM D7647	>320	224		106
Particles >21µm		ASTM D7647	>80	37		10
Particles >38µm		ASTM D7647	>20	1		0
Particles >71µm		ASTM D7647	>4	1		0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	21/19/15		21/19/14
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.25	0.255	0.124



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number

: TO90004505 : 06233918 Unique Number : 11122752

Received : 11 Jul 2024 **Tested** : 17 Jul 2024 Diagnosed

: 17 Jul 2024 - Jonathan Hester

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

4425 GRANDI RD, UNIT F CARLSBAD, NM UM 88220-8923 Contact: CARLOS LEAL

cleal@cimarron.com

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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: CIMCAR [WUSCAR] 06233918 (Generated: 07/17/2024 11:15:36) Rev: 1

Contact/Location: CARLOS LEAL - CIMCAR

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