

OIL ANALYSIS REPORT

Sample Rating Trend ISO

Machine Id

LEROI VRUOXY0041 - RED TANKS 27/28 OGS

Compressor

TULCO HB-150 (--- GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil. The water content is negligible.

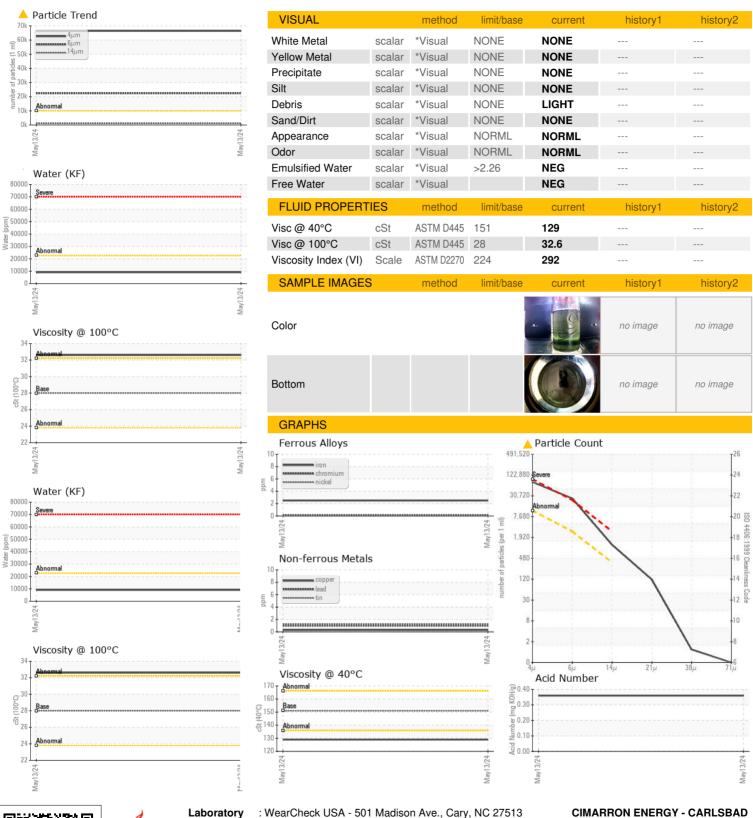
Fluid Condition

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

SAMPLE INFORMATION							
Sample Number Client Info TO90004245					May2024		
Sample Number Client Info TO90004245	CAMPLE INCORN	IATION	mothod	limit/base	ourront	hiotonyl	hiotony?
Sample Date		IATION		IIIIII/base		flistory i	nistoryz
Machine Age hrs Client Info 0	·						
Oil Age hrs Client Info N/A Sample Status Client Info N/A WEAR METALS method limit/base current history1 history2 Iron ASTM D5185m >50 2 Chromium ppm ASTM D5185m 0 Nickel ppm ASTM D5185m 0 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >25 <1 Aluminum ppm ASTM D5185m >25 <1 Lead ppm ASTM D5185m >50 <1 Copper ppm ASTM D5185m >1 Vanadium ppm ASTM D5185m 0 0 Boron ppm ASTM D5185m </th <td></td> <td></td> <td></td> <td></td> <th>13 May 2024</th> <td></td> <td></td>					13 May 2024		
Oil Changed Sample Status Client Info N/A		hrs			-		
Sample Status	ŭ .	hrs			-		
Iron			Client Info				
Iron	Sample Status				ABNORMAL		
Chromium ppm ASTM D5185m >10 <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel ppm ASTM D5185m 0	Iron	ppm	ASTM D5185m	>50	2		
Titanium	Chromium	ppm	ASTM D5185m	>10	<1		
Stilver	Nickel	ppm	ASTM D5185m		0		
Aluminum ppm ASTM D5185m >25 <1	Titanium	ppm	ASTM D5185m		0		
Lead ppm ASTM D5185m >25 1 Copper ppm ASTM D5185m >50 <1 Tin ppm ASTM D5185m >15 1 Vanadium ppm ASTM D5185m 0 -1 Cadmium ppm ASTM D5185m 0 0 Boron ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 0 0 Magnesium ppm ASTM D5185m 0 0 Magnesium ppm ASTM D5185m 0 0 Slicon ppm ASTM D5185m 0 0 Sulfur ppm ASTM D5185m 0 926	Silver	ppm	ASTM D5185m		<1		
Copper	Aluminum	ppm	ASTM D5185m	>25	<1		
Tin ppm ASTM D5185m >15 1 Vanadium ppm ASTM D5185m <1	Lead	ppm	ASTM D5185m	>25	1		
Vanadium ppm ASTM D5185m <1	Copper	ppm	ASTM D5185m	>50	<1		
Cadmium ppm ASTM D5185m 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 0 0 Manganese ppm ASTM D5185m 0 0 Magnesium ppm ASTM D5185m 0 0 Calcium ppm ASTM D5185m 0 0 Phosphorus ppm ASTM D5185m 0 0 Zinc ppm ASTM D5185m 0 926 Zinc ppm ASTM D5185m 0 926 CONTAMINANTS method limit/base current history1	Tin	ppm	ASTM D5185m	>15	1		
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Particles >38μmASTM D7647>201Particles >71μmASTM D7647>40Oil CleanlinessISO 4406 (c)>20/18/1523/22/17FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2			ASTM D7647	>80	<u> 104</u>		
Oil Cleanliness ISO 4406 (c) >20/18/15 23/22/17 FLUID DEGRADATION method limit/base current history1 history2	Particles >38µm		ASTM D7647	>20	1		
Oil Cleanliness ISO 4406 (c) >20/18/15 23/22/17 FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>4	0		
			ISO 4406 (c)	>20/18/15	23/22/17		
Acid Number (AN) mg KOH/g ASTM D8045 0.36	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.36		



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

: TO90004245 Lab Number : 06182038 Unique Number : 11033364

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 16 May 2024 **Tested** : 04 Jun 2024

: 04 Jun 2024 - Doug Bogart Diagnosed

Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, VI) To discuss this sample report, contact Customer Service at 1-800-237-1369.

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

4425 GRANDI RD, UNIT F

CARLSBAD, NM

 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] 06182038 (Generated: 06/05/2024 03:19:43) Rev: 2

Contact/Location: CARLOS LEAL - CIMCAR

F: