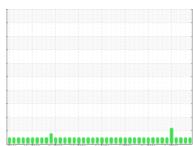


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



PRESS Machine Id PRESS MAIN

Component

Tank Hydraulic System

CHEVRON RANDO HD 46 (22000 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

Fluid Condition

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

		c2018 May20	19 Oct2019 Mar2020	Feb 2021 Jul 2021 Dec 2021	0ct2022	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0829293	WC0685673	WC0682847
Sample Date		Client Info		21 Jun 2023	02 Apr 2023	01 Mar 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	2	2	<1
Chromium	ppm	ASTM D5185m	>20	0	0	0
Nickel	ppm	ASTM D5185m	>20	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	<1	0	0
Lead	ppm	ASTM D5185m	>20	0	0	0
Copper	ppm	ASTM D5185m	>20	2	2	1
Tin	ppm	ASTM D5185m	>20	0	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	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	<1	0
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m		<1	<1	0
Calcium	ppm	ASTM D5185m		29	30	26
Phosphorus	ppm	ASTM D5185m		340	342	264
Zinc	ppm	ASTM D5185m		358	360	284
Sulfur	ppm	ASTM D5185m		926	978	767
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1	0	<1
Sodium	ppm	ASTM D5185m		<1	0	<1
Potassium	ppm	ASTM D5185m	>20	0	0	0
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	950	1069	119
Particles >6µm		ASTM D7647	>1300	184	120	31
Particles >14µm		ASTM D7647	>160	6	14	2
Particles >21µm		ASTM D7647	>40	2	3	1
Particles >38µm		ASTM D7647	>10	0	0	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	17/15/10	17/14/11	14/12/9
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	1/011/	10T11 D0015				

mg KOH/g ASTM D8045

Acid Number (AN)

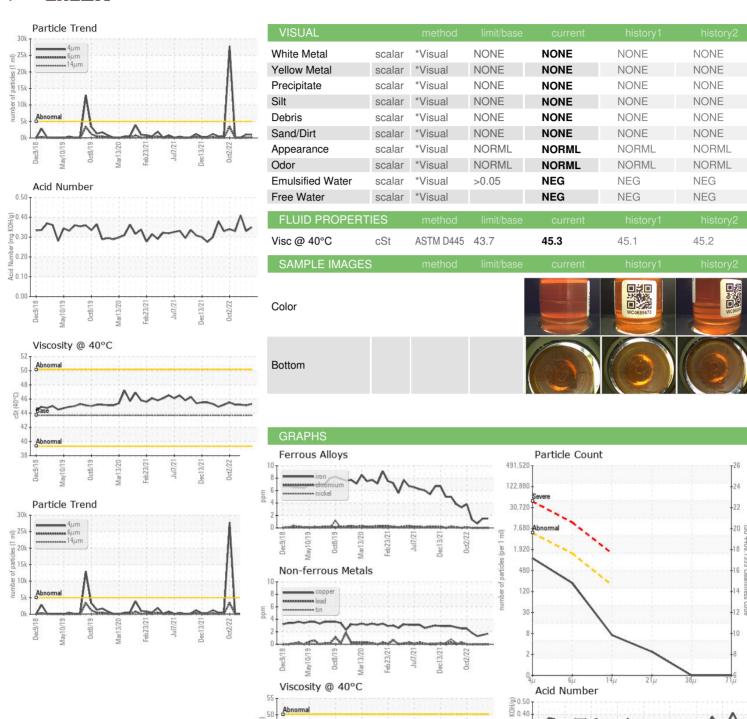
0.33

0.35

0.41



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number Test Package

Unique Number

: WC0829293 : 05899307 : 10560663 : IND 2

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35

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 14 Jul 2023

Diagnostician

: 18 Jul 2023 Diagnosed : Jonathan Hester

Ē 0.30 흗 0.20

툴 0.10 0.00 kg

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

* - 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)

ALLVAC SAF CONDITIONING

3750 ALLOY WAY MONROE, NC US 28110

Contact: BRIAN THORNTON brian.thornton@atimetals.com

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