

# **OIL ANALYSIS REPORT**

Sample Rating Trend

NORMAL NORMAL

Machine Id

# 050-04 WC-04 (S/N 7142-0369)

Component

**Hydraulic System** 

**CHEVRON RANDO HD 46 (53 GAL)** 

#### DIAGNOSIS

## Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

### Contamination

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

## **Fluid Condition**

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

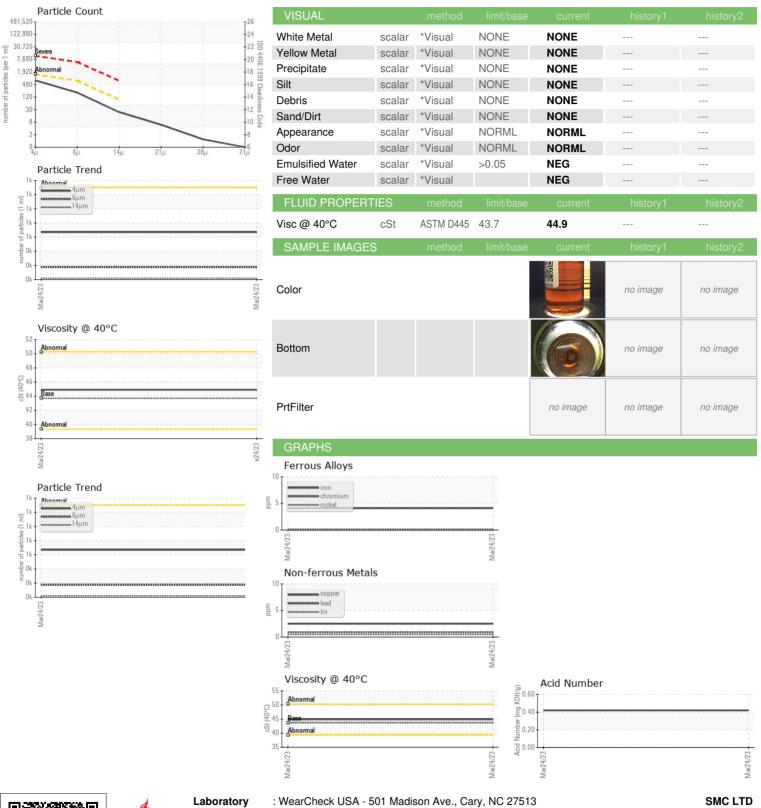
				Mar2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PH0000458		
Sample Date		Client Info		24 Mar 2023		
Machine Age	hrs	Client Info		19731		
Oil Age	hrs	Client Info		19731		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	4		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	<1		
Lead	ppm	ASTM D5185m	>20	<1		
Copper	ppm	ASTM D5185m	>20	2		
Tin	ppm	ASTM D5185m	>20	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		<1		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		47		
Phosphorus	ppm	ASTM D5185m		375		
Zinc	ppm	ASTM D5185m		436		
Sulfur	ppm	ASTM D5185m		1663		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	3		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>1300	670		
Particles >6µm		ASTM D7647	>640	174		
Particles >14µm		ASTM D7647	>80	20		
Particles >21µm		ASTM D7647	>20	5		
Particles >38μm		ASTM D7647	>4	1		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>17/16/13	17/15/11		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	та КОЦ/а	VCTM DOUVE		0.42		

Acid Number (AN) mg KOH/g ASTM D8045

0.42



# **OIL ANALYSIS REPORT**





Certificate L2367

Sample No. Lab Number **Unique Number** 

: PH0000458 : 05807554

: 10405083

Received : 31 Mar 2023 Diagnosed

: 03 Apr 2023 Diagnostician : Doug Bogart

Test Package : PLANT ( Additional Tests: KF ) 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) 3250 BRICKWAY BLVD SANTA ROSA, CA US 95403

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T: F: