

OIL ANALYSIS REPORT

Machine Id 3000T

Component **Hydraulic System**

CHEVRON RANDO HDZ ISO 100 (1500 GAL)

Sample Rating Trend



IAGI		

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

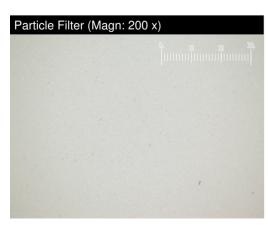
Contamination

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.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		OG0000003		
Sample Date		Client Info		11 Jan 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
-			11 1. 1			111
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0		
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	0		
Copper	ppm	ASTM D5185m	>20	<1		
Tin	ppm	ASTM D5185m	>20	0		
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		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		4		
Calcium	ppm	ASTM D5185m		93		
Phosphorus	ppm	ASTM D5185m		320		
Zinc	ppm	ASTM D5185m		398		
Sulfur	ppm	ASTM D5185m		1010		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	0		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.05	0.001		
ppm Water	ppm	ASTM D6304	>500	0.4		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	865		
Particles >6µm		ASTM D7647	>640	54		
Particles >14μm		ASTM D7647	>80	3		
Particles >21µm		ASTM D7647	>20	0		
Particles >38µm		ASTM D7647	>4	0		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>18/16/13	17/13/9		
FLUID DEGRADA	TION _	method	limit/base	current	history1	history2
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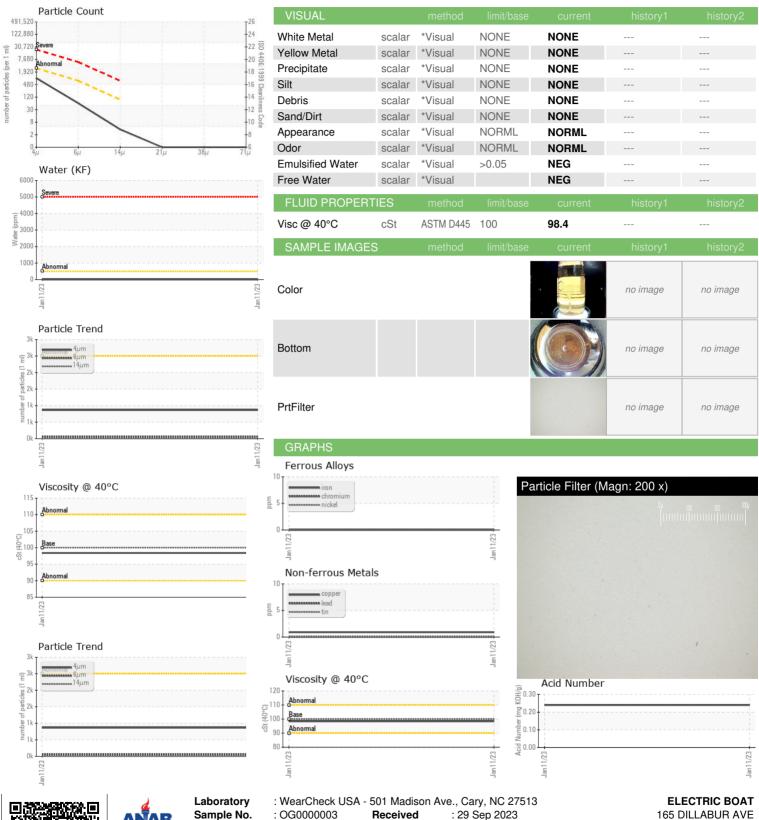
Acid Number (AN)

mg KOH/g ASTM D8045

0.24



OIL ANALYSIS REPORT





Certificate L2367

Sample No. Lab Number **Unique Number**

: 05965377

: 10671928

: 04 Oct 2023 Diagnosed Diagnostician

: Jonathan Hester Test Package : PLANT (Additional Tests: PrtFilter)

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) US 02852

T: F:

NORTH KINGSTON, RI

Contact: Service Manager