

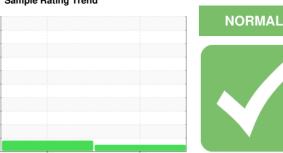
OIL ANALYSIS REPORT

SAMPLE INFORMATION method

Client Info

Sample Number

Sample Rating Trend



PH0002583

PH0000602

Machine Id

110-39 WC-57 (S/N 257693)

Hydraulic System

CHEVRON RANDO HD 46 (53 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

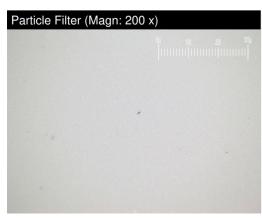
Contamination

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

Fluid Condition

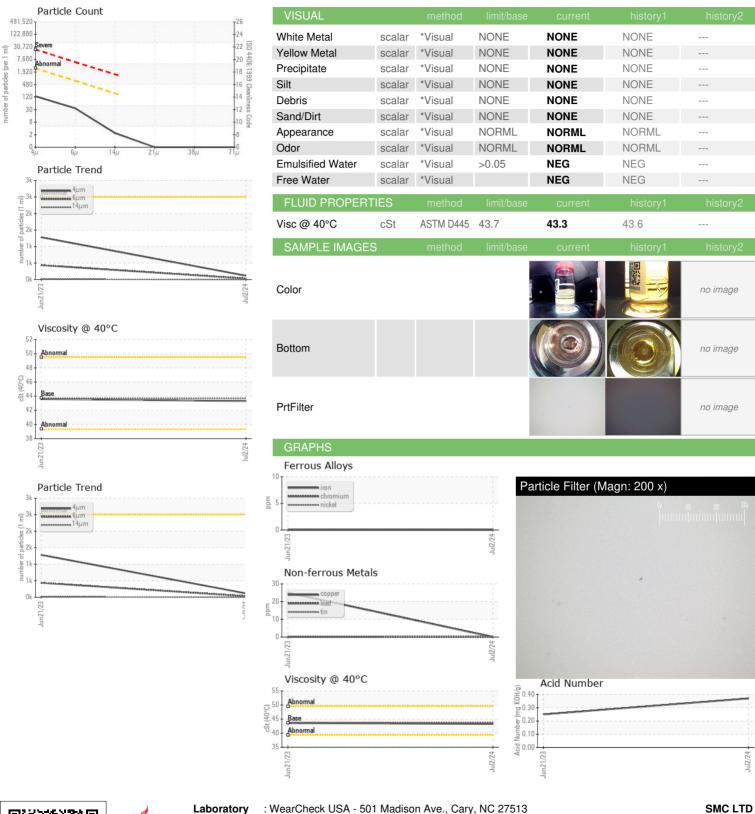
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sample Date		Client Info		02 Jul 2024	21 Jun 2023	
Machine Age	hrs	Client Info		0	5240	
Oil Age	hrs	Client Info		127	5240	
Oil Changed		Client Info		Changed	N/A	
Sample Status				NORMAL	MARGINAL	
CONTAMINATION	٧	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0	0	
Chromium	ppm	ASTM D5185m	>20	0	0	
Nickel	ppm	ASTM D5185m	>20	0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>20	0	0	
Lead	ppm	ASTM D5185m	>20	0	0	
Copper	ppm	ASTM D5185m	>20	0	<u>^</u> 25	
Tin	ppm	ASTM D5185m	>20	0	<1	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		1	0	
Manganese	ppm	ASTM D5185m		0	<1	
Magnesium	ppm	ASTM D5185m		<1	1	
Calcium	ppm	ASTM D5185m		41	26	
Phosphorus	ppm	ASTM D5185m		350	198	
Zinc	ppm	ASTM D5185m		422	228	
Sulfur	ppm	ASTM D5185m		858	1250	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	0	1	
Sodium	ppm	ASTM D5185m		<1	2	
Potassium	ppm	ASTM D5185m	>20	0	0	
FLUID CLEANLINESS method			limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	116	1281	
Particles >6µm		ASTM D7647	>640	31	435	
Particles >14µm		ASTM D7647	>160	2	12	
Particles >21µm		ASTM D7647	>40	0	3	
Particles >38µm		ASTM D7647	>10	0	0	
Particles >71μm		ASTM D7647	>3	0	0	
Oil Cleanliness		ISO 4406 (c)	>18/16/14	14/12/9	17/16/11	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.37	0.25	
15:50:06) Dov. 1	my norry	, 10 TWI D0040		0.0.		CAN DENNETT





OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06237765 Unique Number : 11126599

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PH0002583

Received **Tested** Diagnosed

: 16 Jul 2024 : 18 Jul 2024

: 18 Jul 2024 - Jonathan Hester

Test Package: PLANT (Additional Tests: PrtFilter) 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.

US 95403 Contact: SUSAN BENNETT susan.bennett@smcltd.com T:

3250 BRICKWAY BLVD

SANTA ROSA, CA

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: