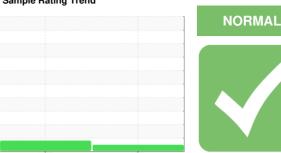


OIL ANALYSIS REPORT

SAMPLE INFORMATION method

Sample Rating Trend



Machine Id

220-06 WC-55 (S/N 255516)

Hydraulic System

CHEVRON RANDO HD 46 (11 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

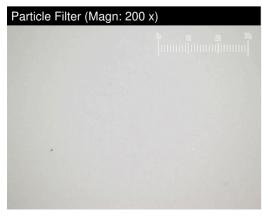
Contamination

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.

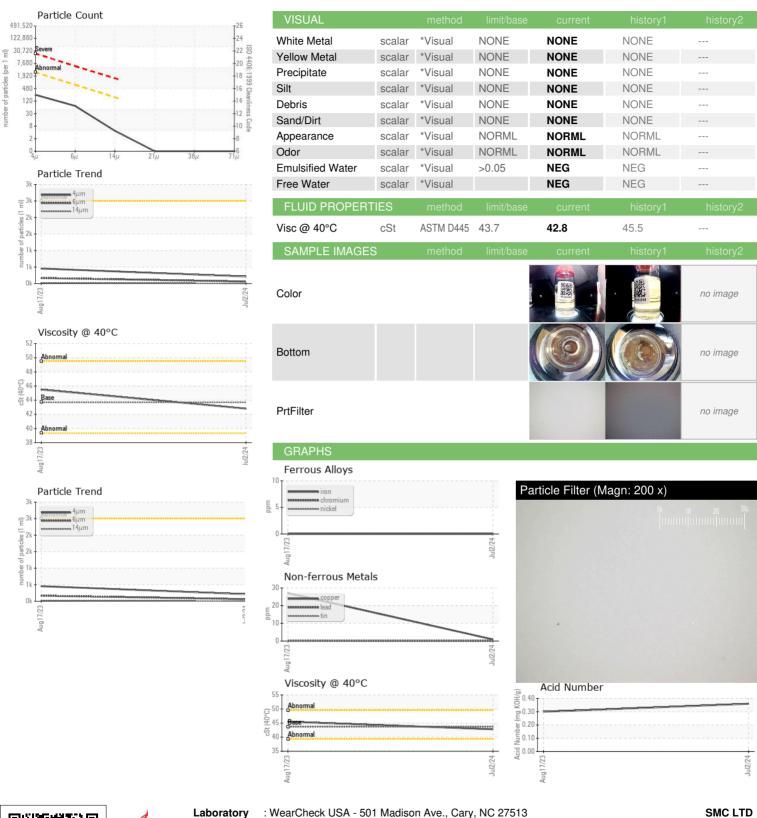
Sample Number		Client Info		PH0003025	PH0001959	
Sample Date		Client Info		02 Jul 2024	17 Aug 2023	
Machine Age	hrs	Client Info		0	888	
Oil Age	hrs	Client Info		1464	888	
Oil Changed		Client Info		Changed	N/A	
Sample Status				NORMAL	MARGINAL	
CONTAMINATIO	N	method	limit/base	current	history1	history2
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		0	<1	
Lead	ppm	ASTM D5185m	>20	0	<1	
Copper	ppm	ASTM D5185m		<1	△ 27	
Tin	ppm	ASTM D5185m	>20	0	0	
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	2	
Molybdenum	ppm	ASTM D5185m		0	0	
Manganese	ppm	ASTM D5185m		0	0	
Magnesium Calcium	ppm	ASTM D5185m ASTM D5185m		0 39	<1 35	
Phosphorus	ppm	ASTM D5185m		351	276	
Zinc	ppm	ASTM D5185m		407	360	
Sulfur	ppm	ASTM D5185m		939	2035	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	3	1	
Sodium	ppm	ASTM D5185m		<1	0	
Potassium	ppm	ASTM D5185m	>20	0	<1	
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647	>2500	213	456	
Particles >6µm		ASTM D7647		62	167	
Particles >14µm		ASTM D7647	>160	4	24	
Particles >21µm		ASTM D7647		0	8	
Particles >38µm		ASTM D7647	>10	0	0	
Particles >71µm		ASTM D7647		0	0	
Oil Cleanliness		ISO 4406 (c)	>18/16/14	15/13/9	16/15/12	
FLUID DEGRAD		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.36	0.30	
15.47.22\ Day: 2				c	ubmitted Dv. CI	CAN DENNIETT



Submitted By: SUSAN BENNETT



OIL ANALYSIS REPORT







Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PH0003025 Lab Number : 06237763

Unique Number : 11126597

Diagnosed 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.

3250 BRICKWAY BLVD SANTA ROSA, CA US 95403 Contact: SUSAN BENNETT

susan.bennett@smcltd.com T:

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

Received

Tested

: 16 Jul 2024

: 18 Jul 2024

: 18 Jul 2024 - Jonathan Hester

F: