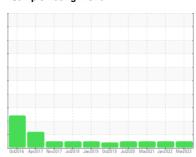


OIL ANALYSIS REPORT

Sample Rating Trend







Area 3 Machine Id WTG-304 Component

Hydraulic System

SHELL TELLUS 32 (300 LTR)

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.

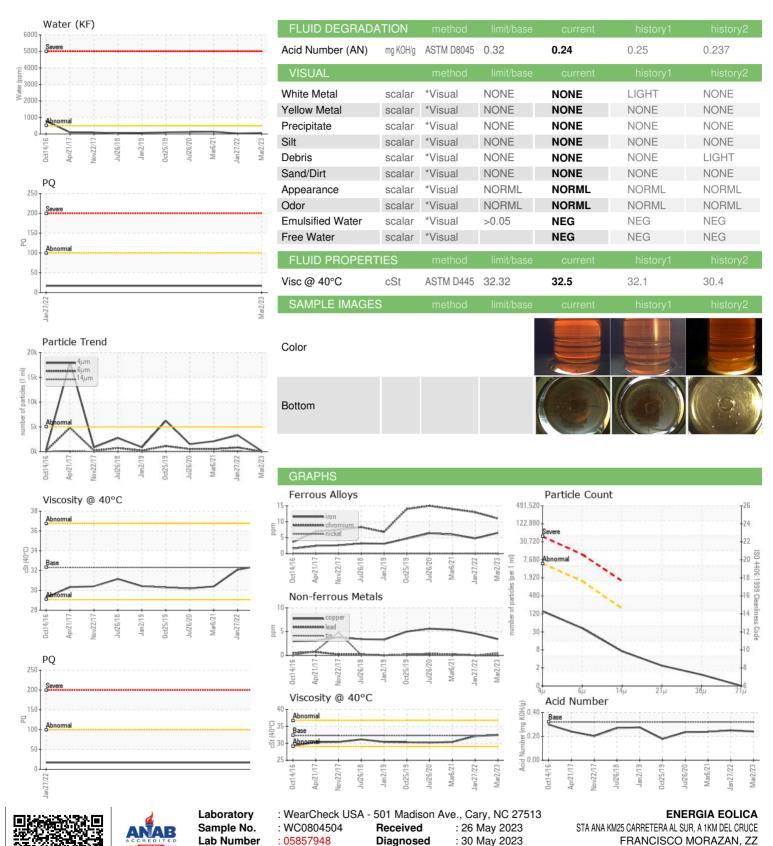
Fluid Condition

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

Oct2016 Apr2017 Nov2017 Jus2018 Jan2019 Oct2019 Jus2020 Mar2021 Jan2022 Mar2023						
SAMPLE INFORM	//ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0804504	WC05504431	WC0547163
Sample Date		Client Info		02 Mar 2023	27 Jan 2022	06 Mar 2021
Machine Age	mths	Client Info		0	78	120
Oil Age	mths	Client Info		0	5	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		17	17	
Iron	ppm	ASTM D5185m	>20	6	5	6
Chromium	ppm	ASTM D5185m	>20	11	13	14
Nickel	ppm	ASTM D5185m	>20	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>20	<1	0	0
Lead	ppm	ASTM D5185m	>20	0	0	<1
Copper	ppm	ASTM D5185m	>20	3	5	5
Tin	ppm	ASTM D5185m	>20	<1	0	<1
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		0	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		<1	0	<1
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m	11	14	3	5
Calcium	ppm	ASTM D5185m	35	22	29	23
Phosphorus	ppm	ASTM D5185m	259	274	292	257
Zinc	ppm	ASTM D5185m	277	271	274	238
Sulfur	ppm	ASTM D5185m	1865	2808	2645	2986
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1	<1	<1
Sodium	ppm	ASTM D5185m		1	0	0
Potassium	ppm	ASTM D5185m	>20	<1	0	<1
Water	%	ASTM D6304	>0.05	0.005	0.003	0.013
ppm Water	ppm	ASTM D6304	>500	57.1	34.9	137.8
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	129	3313	2101
Particles >6µm		ASTM D7647	>1300	35	831	522
Particles >14µm		ASTM D7647	>160	6	74	52
•						
Particles >21µm		ASTM D7647	>40	2	16	17
•		ASTM D7647 ASTM D7647	>40 >10	2 1	16 1	17 1
Particles >21µm						



OIL ANALYSIS REPORT



Unique Number

: 10492413

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

Test Package : IND 2 (Additional Tests: KF, PQ)

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

: Don Baldridge

Diagnostician

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

HN

T: x:

F: x:

Contact: SANTOS DEL CID

sdelcid@dencmi.com