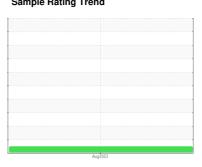


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



TE-688 (S/N 362201)

Hydraulic System

SHELL TELLUS S4 VX 32 (5 LTR)

	NOS	

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.

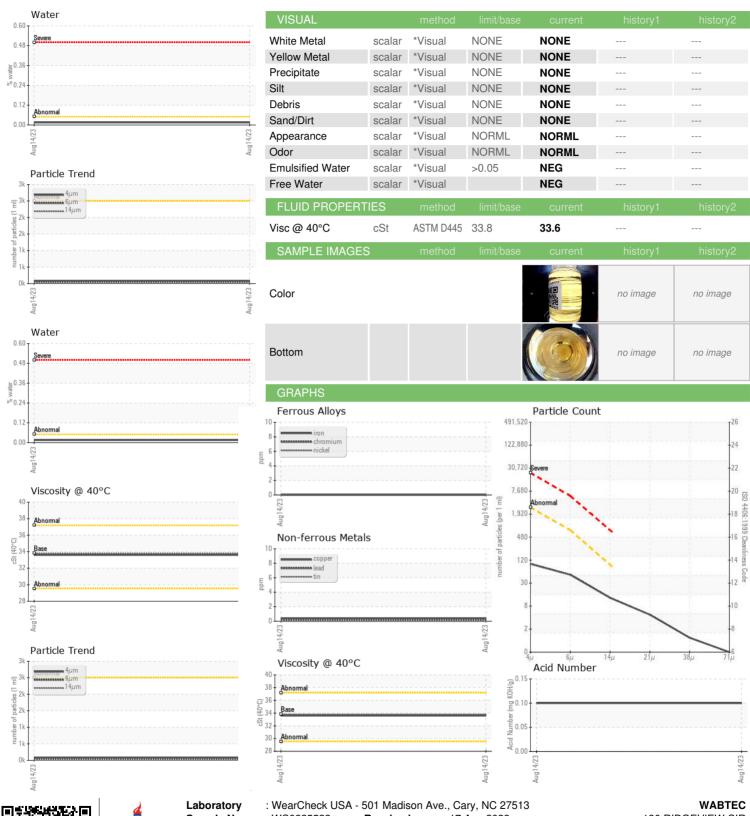
Fluid Condition

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

				Aug2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0825523		
Sample Date		Client Info		14 Aug 2023		
Machine Age	hrs	Client Info		6802		
Oil Age	hrs	Client Info		3402		
Oil Changed	1110	Client Info		N/A		
Sample Status		Oliciti IIIIo		NORMAL		
				HOTIMAL		
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		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	<1		
Lead	ppm	ASTM D5185m	>20	<1		
Copper	ppm	ASTM D5185m	>20	<1		
Tin	ppm	ASTM D5185m	>20	0		
Vanadium	ppm	ASTM D5185m		<1		
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		<1		
Magnesium	ppm	ASTM D5185m		3		
Calcium	ppm	ASTM D5185m		1		
Phosphorus	ppm	ASTM D5185m		588		
Zinc	ppm	ASTM D5185m		28		
Sulfur	ppm	ASTM D5185m		549		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	2		
Water	%	ASTM D6304	>0.05	0.015		
ppm Water	ppm	ASTM D6304	>500	150.0		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	84		
Particles >6µm		ASTM D7647	>640	44		
Particles >14µm		ASTM D7647	>80	11		
Particles >21µm		ASTM D7647	>20	4		
Particles >38μm		ASTM D7647	>4	1		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>18/16/13	14/13/11		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.10		



OIL ANALYSIS REPORT





Certificate L2367

Sample No. Lab Number **Unique Number**

: WC0825523 : 05927214 : 10607161

Received : 17 Aug 2023 Diagnosed

Test Package : IND 2 (Additional Tests: KF)

: 21 Aug 2023

Diagnostician : Jonathan Hester

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)

130 RIDGEVIEW CIR DUNCAN, SC US 29334 Contact: E ORISTAGLIO

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F: