

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

ACL 4 METERING UNIT

Component Hydraulic System SHELL TELLUS 46 (--- GAL)

DIAGNOSIS

A Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Appearance is hazy. There is a high amount of particulates present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

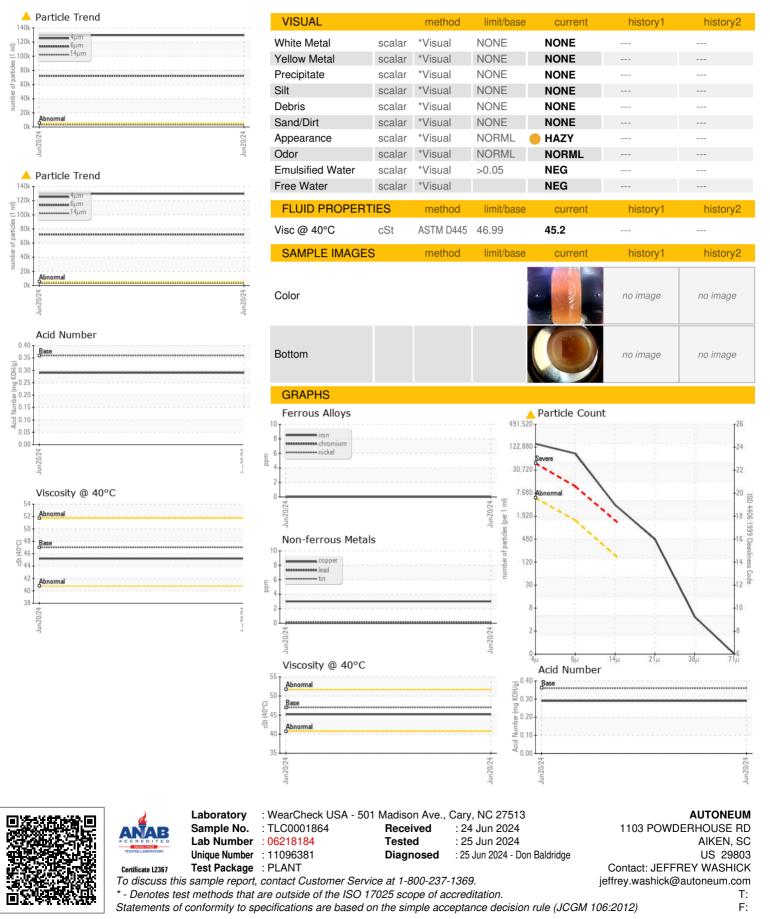
SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TLC0001864		
Sample Date		Client Info		20 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
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		
	ppm	ASTM D5185m	>20	<1		
	ppm		>20	0		
	ppm		>20	3		
	ppm		>20	ء <1		
	ppm	ASTM D5185m		0		
	ppm	ASTM D5185m		0		
ADDITIVES	le le	method	limit/base	current	history1	history2
_	nnm	ASTM D5185m	0.0	2	motory	
	ppm					
	ppm		0	0		
	ppm	ASTM D5185m	0	1		
	ppm	ASTM D5185m		<1		
	ppm	ASTM D5185m	11	55		
	ppm	ASTM D5185m	35	85		
Phosphorus	ppm	ASTM D5185m	266	316		
Zinc	ppm	ASTM D5185m	276	361		
Sulfur	ppm	ASTM D5185m	1847	966		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1		
Sodium	ppm	ASTM D5185m		2		
	ppm	ASTM D5185m	>20	2		
		ASTM D5185m method	>20 limit/base	2 current	history1	history2
Potassium FLUID CLEANLINE						
Potassium FLUID CLEANLINE Particles >4µm		method	limit/base	current	history1	history2
Potassium FLUID CLEANLINE Particles >4μm Particles >6μm		method ASTM D7647	limit/base >5000	current	history1	history2
Potassium FLUID CLEANLINE Particles >4µm Particles >6µm Particles >14µm		method ASTM D7647 ASTM D7647	limit/base >5000 >1300	current ▲ 129648 ▲ 72187	history1 	history2
Potassium FLUID CLEANLINE Particles >4μm Particles >6μm Particles >14μm Particles >21μm		method ASTM D7647 ASTM D7647 ASTM D7647	limit/base >5000 >1300 >160	current ▲ 129648 ▲ 72187 ▲ 3305	history1	history2
Potassium FLUID CLEANLINE Particles >4µm Particles >6µm Particles >14µm Particles >21µm Particles >38µm		method ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	limit/base >5000 >1300 >160 >40	current ▲ 129648 ▲ 72187 ▲ 3305 ▲ 424	history1 	history2
Potassium FLUID CLEANLINE Particles >4µm Particles >6µm Particles >14µm Particles >21µm Particles >38µm Particles >71µm		methodASTM D7647ASTM D7647ASTM D7647ASTM D7647ASTM D7647	limit/base >5000 >1300 >160 >40 >10	current ▲ 129648 ▲ 72187 ▲ 3305 ▲ 424 4	history1	history2
Potassium FLUID CLEANLINE Particles >4µm Particles >6µm Particles >14µm Particles >21µm Particles >38µm Particles >71µm Oil Cleanliness	SS	method ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ISO 4406 (c)	limit/base >5000 >1300 >160 >40 >10 >3	current ▲ 129648 ▲ 72187 ▲ 3305 ▲ 424 4 0 ▲ 24/23/19	history1	history2
Potassium FLUID CLEANLINE Particles >4µm Particles >6µm Particles >14µm Particles >21µm Particles >38µm Particles >71µm Dil Cleanliness FLUID DEGRADAT	SS	methodASTM D7647ASTM D7647ASTM D7647ASTM D7647ASTM D7647ASTM D7647	limit/base >5000 >1300 >160 >40 >10 >3 >19/17/14 limit/base	current ▲ 129648 ▲ 72187 ▲ 3305 ▲ 424 4 0	history1	history2

Report Id: AUTAIK [WUSCAR] 06218184 (Generated: 06/25/2024 19:22:06) Rev: 1

Contact/Location: JEFFREY WASHICK - AUTAIK Page 1 of 2



OIL ANALYSIS REPORT



Report Id: AUTAIK [WUSCAR] 06218184 (Generated: 06/25/2024 19:22:06) Rev: 1

Contact/Location: JEFFREY WASHICK - AUTAIK