



KANSAS/44/EG - EXCAVATOR 20.210L [KANSAS^44^EG - EXCAVATOR]

Right Final Drive TDTO FLUID SAE 50 (--- GAL)



Sample Rating Trend



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

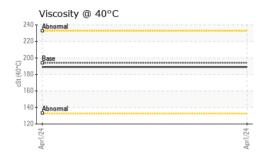
Fluid Condition

The condition of the oil is acceptable for the time in service.

GAL)				Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0918404		
Sample Date		Client Info		01 Apr 2024		
Machine Age	hrs	Client Info		9		
Oil Age	hrs	Client Info		9		
Oil Changed	0	Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	J	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>800	42		
Chromium	ppm	ASTM D5185m	>10	1		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m	>15	<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>75	2		
Lead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>75	1		
Tin	ppm	ASTM D5185m	>8	1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	37	75		
Barium	ppm	ASTM D5185m	7	13		
Molybdenum	ppm	ASTM D5185m	5	<1		
Manganese	ppm	ASTM D5185m		2		
Magnesium	ppm	ASTM D5185m	40	9		
Calcium	ppm	ASTM D5185m	2650	25		
Phosphorus	ppm	ASTM D5185m	1050	551		
Zinc	ppm	ASTM D5185m	1075	36		
Sulfur	ppm	ASTM D5185m	5750	17531		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>400	22		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	8		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Free Water	scalar	*Visual		NEG		

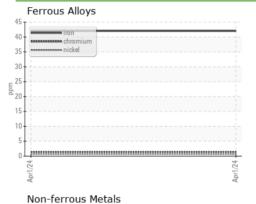


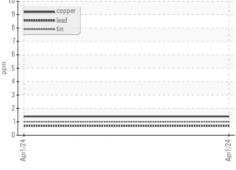
OIL ANALYSIS REPORT

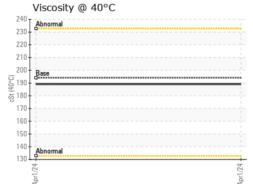




GRAPHS











Certificate 12367

Laboratory **Sample No.** : WC0918404 Lab Number : 06143417

Unique Number : 10968225 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 09 Apr 2024

Tested : 10 Apr 2024 Diagnosed : 12 Apr 2024 - Jonathan Hester

3219 WEST MAY ST WICHITA, KS US 67213

Contact: BILL ORCUTT william.orcutt@wildcat.net T:

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)

SHERWOOD CONSTRUCTION CO INC

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