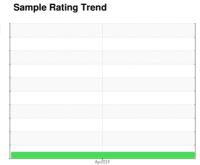




KANSAS/44/EG - EXCAVATOR 20.147L [KANSAS^44^EG - EXCAVATOR]
Swing Drive

TDTO FLUID SAE 30 (--- GAL)





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

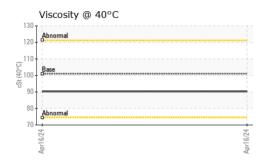
Fluid Condition

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

GAL)		1		Apr2024		
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0789833		
Sample Date		Client Info		16 Apr 2024		
Machine Age	hrs	Client Info		10		
Dil Age	hrs	Client Info		10		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>400	2		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
itanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	<1		
.ead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>200	0		
-in		ASTM D5185m	>10	<1		
	ppm		>10	0		
/anadium	ppm	ASTM D5185m				
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	37	0		
Barium	ppm	ASTM D5185m	7	10		
Nolybdenum	ppm	ASTM D5185m	5	0		
Manganese	ppm	ASTM D5185m		<1		
/lagnesium	ppm	ASTM D5185m	40	16		
Calcium	ppm	ASTM D5185m	2650	3486		
Phosphorus	ppm	ASTM D5185m	1050	916		
inc	ppm	ASTM D5185m	1075	1085		
Sulfur	ppm	ASTM D5185m	5750	11137		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	14		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	2		
VISUAL		method	limit/base	current	history1	history2
Vhite Metal	scalar	*Visual	NONE	NONE		
'ellow Metal	scalar	*Visual	NONE	NONE		
recipitate	scalar	*Visual	NONE	NONE		
ilt	scalar	*Visual	NONE	NONE		
)ebris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
mulsified Water	scalar	*Visual	>0.2	NEG		
		*Visual	/U.L	NEG		
Free Water	scalar	VISUAI			Submitted By: JA	

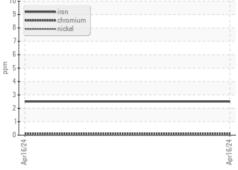


OIL ANALYSIS REPORT

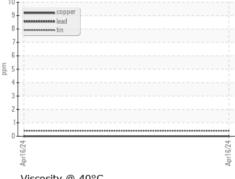


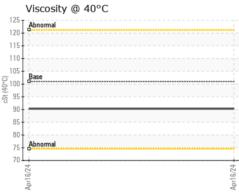
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	101	90.3		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
CDADUC						

Ferrous Alloys



Non-ferrous Metals









Certificate 12367

Laboratory

Sample No. : WC0789833 Lab Number : 06156340

Unique Number : 10991763 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 22 Apr 2024 Tested : 23 Apr 2024

: 24 Apr 2024 - Sean Felton Diagnosed

SHERWOOD CONSTRUCTION CO INC

3219 WEST MAY ST WICHITA, KS US 67213

Contact: RANDY ROBERTS randy.roberts@sherwood.net T: (316)943-6491

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)

F: x: