

OIL ANALYSIS REPORT

Sample Rating Trend



Area KANSAS/44/EG - EXCAVATOR 20.147L [KANSAS^44^EG - EXCAVATOR] Left Final Drive





NORMAL

Fluid TDTO FLUID SAE 30 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

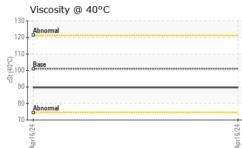
Fluid Condition

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

SAMPLE INFORM	ATION	methoa	iimii/base	current	nistory i	riistoryz
Sample Number		Client Info		WC0821451		
Sample Date		Client Info		16 Apr 2024		
Machine Age	hrs	Client Info		10		
Oil Age	hrs	Client Info		10		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	I	method	limit/base	current	history1	history2
	•				matory	Thistoryz
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>800	12		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m	>15	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>75	0		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>75	0		
Tin	ppm	ASTM D5185m	>8	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	37	0		
Barium	ppm	ASTM D5185m	7	19		
Molybdenum	ppm	ASTM D5185m	5	0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	40	16		
Calcium	ppm	ASTM D5185m	2650	3501		
Phosphorus	ppm	ASTM D5185m	1050	890		
Zinc	ppm	ASTM D5185m	1075	1069		
Sulfur	ppm	ASTM D5185m	5750	11013		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	nom		>400	13		
Sodium	ppm	ASTM D5185m	>400	6		
	ppm	ASTM D5185m	> 20	10		
Potassium	ppm					
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



FLUID PROPERTIE	ES metho	d limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D	445 101	89.7		
SAMPLE IMAGES	metho	d limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image
GRAPHS					
Ferrous Alloys					
iron					
sessesses nickel					
8-					
u 6 -					
4					
2					
		4			
Apr16/24		Apr16/24			
Non-ferrous Metals		4			
10 9 copper					
8 - tin					
7-					
<u>ق</u> 5					
4					
3					
1-					
6/24 L0		6/24			
Apr16/24		Apr16/24			
Viscosity @ 40°C					
120 Abnormal					
115					
105					
(2 100 - Base 000 300 - Base 300 - Base 300 - Base					
90 -					
85 - 80 -					
75 Abnormal					
Apr16/24		Apr16/24 +			
Apri		Apri			
: WearCheck USA - 501 : WC0821451 : 06156338	Received	Cary, NC 27513 : 22 Apr 2024 : 23 Apr 2024	SHERV	VOOD CONSTRU 3219	ICTION CO WEST MAY WICHITA,
r :10991761		: 24 Apr 2024 - S	ean Felton	_	US 672
e : CONST rt, contact Customer Service	e at 1-800-237-1	1369.		Contact: RAN randy.roberts(

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)

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Certificate L2367

Submitted By: JASON GORGES Page 2 of 2

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