

# **OIL ANALYSIS REPORT**

Area KANSAS/44/EG - LOADER

# Sample Rating Trend



NORMAL

COO

46.107L [KANSAS^44^EG - LOADER] Component Transmission (Manual)

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 fluid.

### Fluid Condition

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

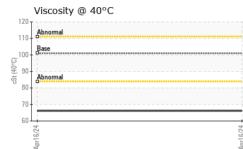
SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0789827		
Sample Date		Client Info		16 Apr 2024		
	hrs	Client Info		15		
Ű	hrs	Client Info		15		
Oil Changed	1110	Client Info		Not Changd		
Sample Status				NORMAL		
				-		
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	4		
Chromium	ppm	ASTM D5185m	>5	<1		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>7	0		
Aluminum	ppm	ASTM D5185m	>25	<1		
Lead	ppm	ASTM D5185m	>45	4		
Copper	ppm	ASTM D5185m	>225	19		
	ppm	ASTM D5185m	>10	1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	37	27		
Barium I	ppm	ASTM D5185m	7	2		
Molybdenum	ppm	ASTM D5185m	5	0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	40	14		
Calcium	ppm	ASTM D5185m	2650	2946		
Phosphorus	ppm	ASTM D5185m	1050	999		
	ppm	ASTM D5185m	1075	1169		
Sulfur	ppm	ASTM D5185m	5750	5855		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	7		
Sodium	ppm	ASTM D5185m		4		
Potassium	ppm	ASTM D5185m	>20	0		
VISUAL		method	limit/base	current	history1	history2
	scalar	*Visual	NONE	NONE		
	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
		*) /! 1	NONE	NONE		
	scalar	*Visual	NONL	NONE		
Silt	scalar scalar	*Visual *Visual	NONE	NONE		
Silt s Debris s						
Silt s Debris s Sand/Dirt s	scalar	*Visual	NONE	NONE		
Silt Sebris Sand/Dirt Shopearance Sebris Shopearance Sebris Sebri	scalar scalar	*Visual *Visual	NONE NONE	NONE NONE		
Silt s Debris s Sand/Dirt s Appearance s Odor s	scalar scalar scalar	*Visual *Visual *Visual	NONE NORML	NONE NONE NORML		
Silt Sebris Sand/Dirt Sebris S	scalar scalar scalar scalar	*Visual *Visual *Visual *Visual	NONE NORML NORML	NONE NONE NORML NORML		

Report Id: SHEWIC [WUSCAR] 06157154 (Generated: 04/26/2024 12:50:13) Rev: 1

Submitted By: JASON GORGES



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FLUID	PROPERTIE	S meth	nod lin	nit/base c	urrent	history1	history2
Visc @ 4	0°C 0	St ASTM	D445 101	66.	1		
SAMPL	E IMAGES	metł	nod lin	nit/base c	urrent	history1	history2
Color				no	image	no image	no image
Bottom				no	image	no image	no image
GRAPH	IS						
udd	rrous Metals		April624				
: WearCheck : WC078982 er : 06157154 er : 10992577 le : CONST ort, contact Cust		Received Tested Diagnosed	Cary, NC : 22 Apr : 23 Apr : 23 Apr	2024 2024 2024 - Wes Dav		Contact: RAN	WEST MAY S WICHITA, K US 672 <sup>-</sup> IDY ROBERT

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

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