

# **OIL ANALYSIS REPORT**

Sample Rating Trend

# **NORMAL**





# KANSAS/44/EG - LOADER 46.107L [KANSAS/

Front Differential

TDTO FLUID SAE 30 (

# Recommendation

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

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

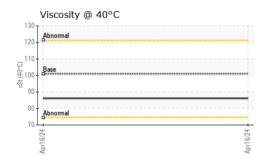
^44^EG - LOA	DER]					
( GAL)				Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0789826		
Sample Date		Client Info		16 Apr 2024		
Machine Age	hrs	Client Info		15		
Oil Age	hrs	Client Info		15		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATIO	V	method	limit/base	current	history1	history2
Water		WC Method	>.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	12		
Chromium	ppm	ASTM D5185m	>3	<1		
Nickel	ppm	ASTM D5185m	>3	0		
Titanium	ppm	ASTM D5185m	>2	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>30	<1		
Lead	ppm	ASTM D5185m	>13	0		
^		AOTAL DELOE	100			

Lead	ppm	ASTM D5185m	>13	0		
Copper	ppm	ASTM D5185m	>103	<1		
Tin	ppm	ASTM D5185m	>5	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	37	3		
Barium	ppm	ASTM D5185m	7	2		
Molybdenum	ppm	ASTM D5185m	5	<1		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m	40	17		
Calcium	ppm	ASTM D5185m	2650	3020		
Phosphorus	ppm	ASTM D5185m	1050	1079		
Zinc	ppm	ASTM D5185m	1075	1270		
Sulfur	ppm	ASTM D5185m	5750	5101		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>100	6		
Sodium	ppm	ASTM D5185m		4		
Potassium	ppm	ASTM D5185m	>20	0		
VISUAL		method	limit/base	current	history1	history2

Sodium	ppm	ASTM D5185m		4		
Potassium	ppm	ASTM D5185m	>20	0		
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		
<b>Emulsified Water</b>	scalar	*Visual	>.2	NEG		
Free Water	scalar	*Visual		NEG		
12:49:44) Rev: 1					Submitted By: JA	SON GORGES

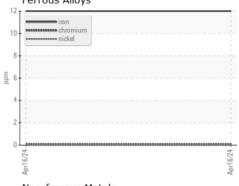


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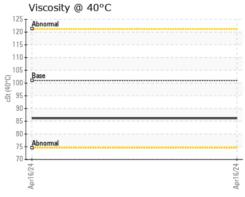


Color no image no image no image	FLUID PROPERTIES		method	limit/base	current	history1	history2
Color no image no image no image	Visc @ 40°C	cSt	ASTM D445	101	86.1		
	SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Rottom no image no image no image	Color				no image	no image	no image
	Bottom				no image	no image	no image

# Ferrous Alloys



# Non-ferrous Metals





Certificate 12367

Laboratory

Sample No. : WC0789826 Lab Number : 06156332

Unique Number : 10991755 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received : 22 Apr 2024 Tested : 23 Apr 2024 : 23 Apr 2024 - Wes Davis Diagnosed

SHERWOOD CONSTRUCTION CO INC 3219 WEST MAY ST WICHITA, KS US 67213

To discuss this sample report, contact Customer Service at 1-800-237-1369.

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

\* - 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: