

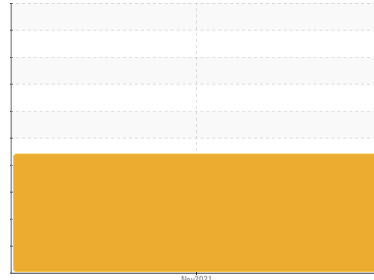


PROBLEM SUMMARY



Area
KANSAS/44
 Machine Id
78.261 [KANSAS^44]
 Component
Left Tandem
 Fluid
MOBIL MOBILFLUID 424 (--- GAL)

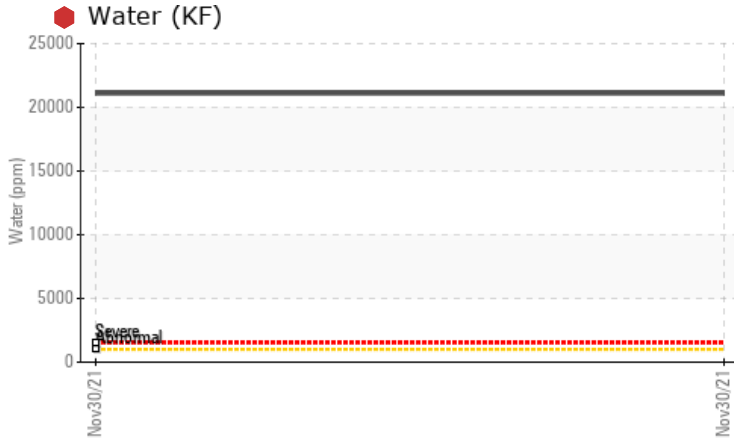
Sample Rating Trend



WATER



COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	---	---
Water	%	ASTM D6304	>0.1	🔴 2.11	---	---
ppm Water	ppm	ASTM D6304	>1000	🔴 21100	---	---
Debris	scalar	*Visual	NONE	🟡 MODER	---	---
Emulsified Water	scalar	*Visual	>0.1	🔴 0.2%	---	---

Customer Id: SHEWIC
 Sample No.: WC0630290
 Lab Number: 05415995
 Test Package: MOBCE



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid	SKIPPED	Dec 13 2021	?	We recommend that you drain the oil from the component if this has not already been done.
Resample	SKIPPED	Dec 13 2021	?	We recommend an early resample to monitor this condition.
Check Water Access	SKIPPED	Dec 13 2021	?	We advise that you check for the source of water entry.

HISTORICAL DIAGNOSIS



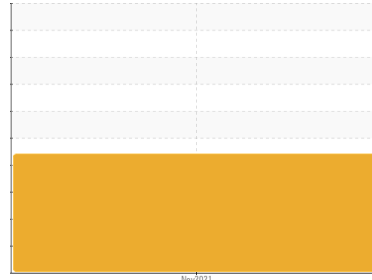
OIL ANALYSIS REPORT

Sample Rating Trend

WATER



Area
KANSAS/44
Machine Id
78.261 [KANSAS^44]
Component
Left Tandem
Fluid
MOBIL MOBILFLUID 424 (--- GAL)



DIAGNOSIS

Recommendation

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil. There is a high concentration of water present in the oil.

Fluid Condition

The oil is no longer serviceable due to the presence of contaminants.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0630290	---	---
Sample Date	Client Info		30 Nov 2021	---	---
Machine Age	hrs Client Info		3869	---	---
Oil Age	hrs Client Info		0	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			SEVERE	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m	>250	184	---	---
Chromium	ppm ASTM D5185m	>11	<1	---	---
Nickel	ppm ASTM D5185m		<1	---	---
Titanium	ppm ASTM D5185m		<1	---	---
Silver	ppm ASTM D5185m		<1	---	---
Aluminum	ppm ASTM D5185m	>40	3	---	---
Lead	ppm ASTM D5185m	>11	3	---	---
Copper	ppm ASTM D5185m	>25	8	---	---
Tin	ppm ASTM D5185m		2	---	---
Antimony	ppm ASTM D5185m		<1	---	---
Vanadium	ppm ASTM D5185m		<1	---	---
Cadmium	ppm ASTM D5185m		<1	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m		10	---	---
Barium	ppm ASTM D5185m		0	---	---
Molybdenum	ppm ASTM D5185m		1	---	---
Manganese	ppm ASTM D5185m		2	---	---
Magnesium	ppm ASTM D5185m		98	---	---
Calcium	ppm ASTM D5185m		2863	---	---
Phosphorus	ppm ASTM D5185m		1136	---	---
Zinc	ppm ASTM D5185m		1323	---	---
Sulfur	ppm ASTM D5185m		3781	---	---

CONTAMINANTS

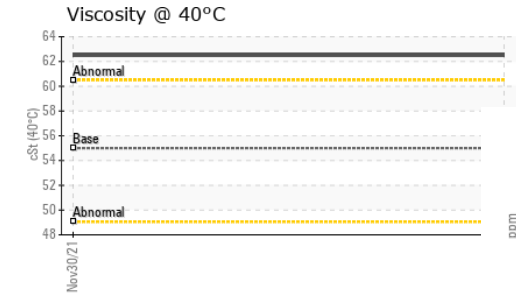
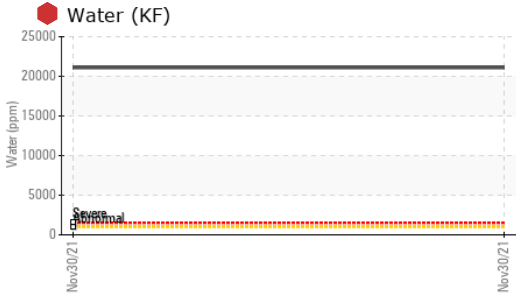
	method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m	>100	12	---	---
Sodium	ppm ASTM D5185m	>21	2	---	---
Potassium	ppm ASTM D5185m	>20	2	---	---
Water	% ASTM D6304	>0.1	2.11	---	---
ppm Water	ppm ASTM D6304	>1000	21100	---	---

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	MODER	---	---
Sand/Dirt	scalar *Visual	NONE	NONE	---	---
Appearance	scalar *Visual	NORML	MILKY	---	---
Odor	scalar *Visual	NORML	NORML	---	---
Emulsified Water	scalar *Visual	>0.1	0.2%	---	---
Free Water	scalar *Visual		NEG	---	---



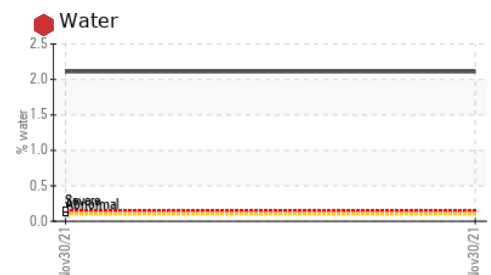
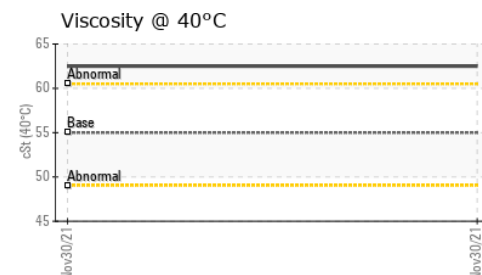
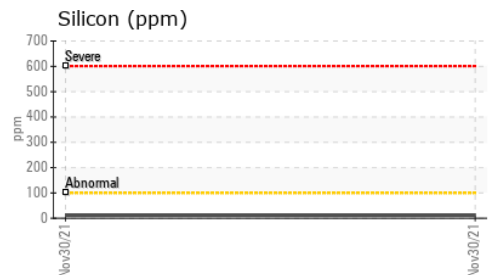
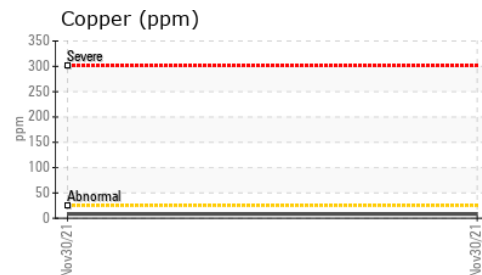
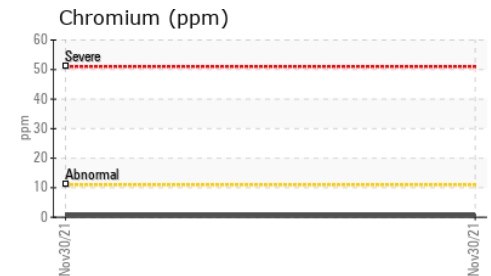
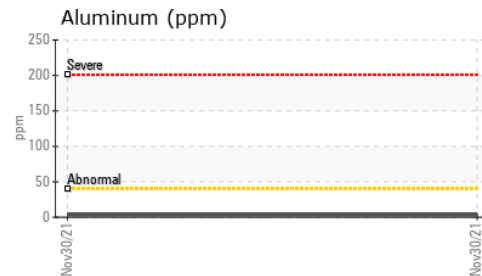
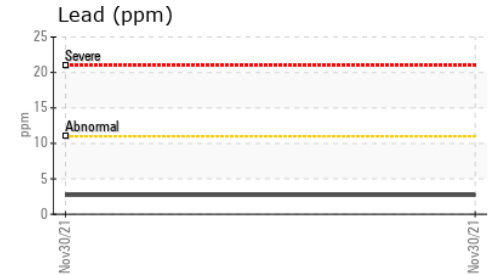
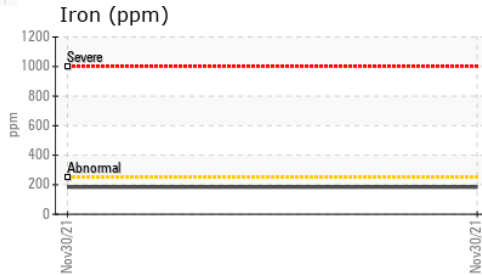
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 55	62.5	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0630290 **Received** : 06 Dec 2021
Lab Number : 05415995 **Diagnosed** : 08 Dec 2021
Unique Number : 9765183 **Diagnostician** : Don Baldrige
Test Package : MOBCE (Additional Tests: KF)

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 US 67213
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 randy.roberts@sherwood.net
 T: (316)943-6491
 F: x:

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)