

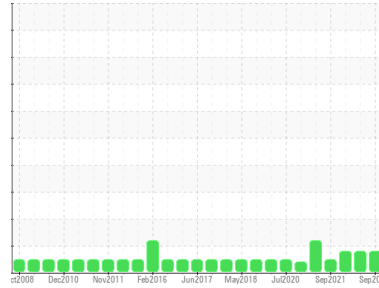


PROBLEM SUMMARY



Area
OKLAHOMA/102/EG - OTHER SERVICE
 Machine Id
78.66 [OKLAHOMA^102^EG - OTHER SERVICE]
 Component
Transmission (Manual)
 Fluid
MOBIL DELVAC 1330 (--- GAL)

Sample Rating Trend

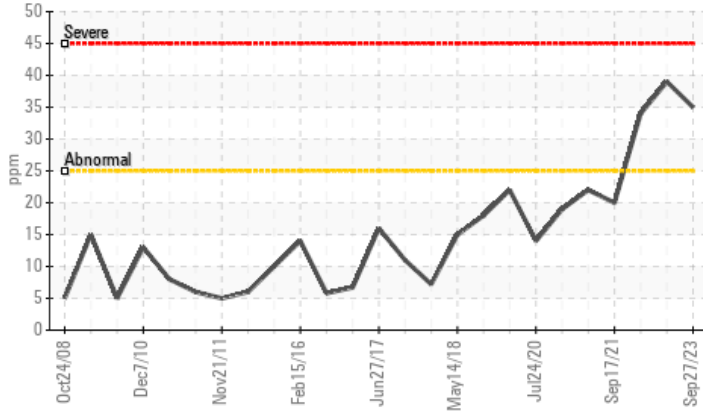


WEAR



COMPONENT CONDITION SUMMARY

▲ Aluminum (ppm)



RECOMMENDATION

No corrective action is recommended at this time.
 Resample at the next service interval to monitor. (Customer Sample Comment: 16744 hrs)

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Aluminum	ppm	ASTM D5185m	>25	▲ 35	▲ 39	▲ 34

Customer Id: SHEWIC
 Sample No.: WC0819820
 Lab Number: 05969370
 Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Sean Felton +1 919-379-4092
sfelton@wearcheckusa.com

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

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

04 Jun 2022 Diag: Don Baldrige

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. The aluminum level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



21 Feb 2022 Diag: Jonathan Hester

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. The aluminum level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



17 Sep 2021 Diag: Don Baldrige

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report

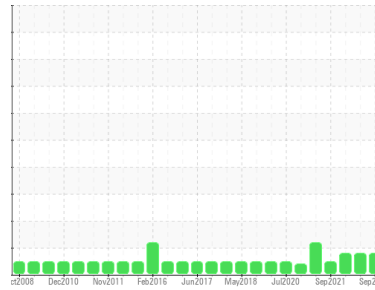




OIL ANALYSIS REPORT

Area
OKLAHOMA/102/EG - OTHER SERVICE
 Machine Id
78.66 [OKLAHOMA^102^EG - OTHER SERVICE]
 Component
Transmission (Manual)
 Fluid
MOBIL DELVAC 1330 (--- GAL)

Sample Rating Trend



WEAR



DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: 16744 hrs)

▲ Wear

The aluminum level is abnormal. All other 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 INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0819820	WC0649272	WC0649291
Sample Date	Client Info		27 Sep 2023	04 Jun 2022	21 Feb 2022
Machine Age	hrs	Client Info	16744	15780	15280
Oil Age	hrs	Client Info	14254	14254	14254
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	37	41	25
Chromium	ppm	ASTM D5185m >5	0	<1	<1
Nickel	ppm	ASTM D5185m >5	0	0	0
Titanium	ppm	ASTM D5185m	0	<1	0
Silver	ppm	ASTM D5185m >7	0	<1	0
Aluminum	ppm	ASTM D5185m >25	▲ 35	▲ 39	▲ 34
Lead	ppm	ASTM D5185m >45	<1	<1	<1
Copper	ppm	ASTM D5185m >225	85	71	35
Tin	ppm	ASTM D5185m >10	<1	<1	<1
Antimony	ppm	ASTM D5185m	---	---	<1
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	31	46	35
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	<1	<1	<1
Manganese	ppm	ASTM D5185m	3	3	2
Magnesium	ppm	ASTM D5185m	17	16	14
Calcium	ppm	ASTM D5185m	2956	3111	3150
Phosphorus	ppm	ASTM D5185m	1066	1112	1073
Zinc	ppm	ASTM D5185m	1288	1238	1153
Sulfur	ppm	ASTM D5185m	5710	5599	4898

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >125	8	17	8
Sodium	ppm	ASTM D5185m	4	7	4
Potassium	ppm	ASTM D5185m >20	0	0	0

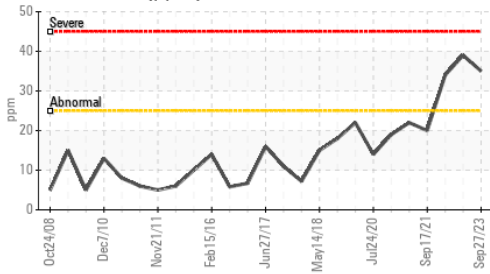
VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	NONE
Appearance	scalar	*Visual NORML	NORML	NORML	NORML
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >0.1	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

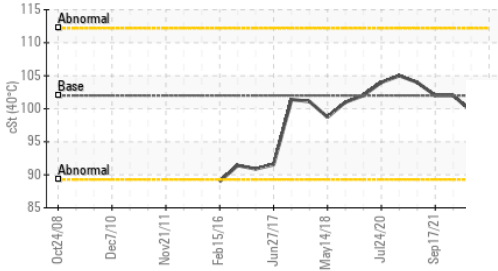


OIL ANALYSIS REPORT

▲ Aluminum (ppm)



Viscosity @ 40°C



FLUID PROPERTIES

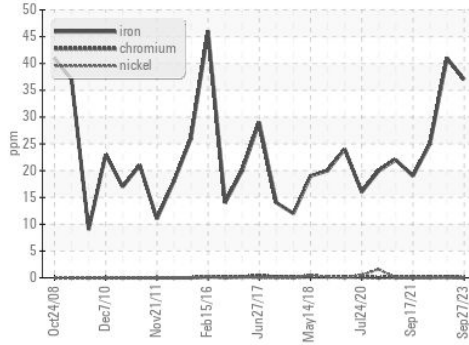
method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	102	98.5	99.7	102

SAMPLE IMAGES

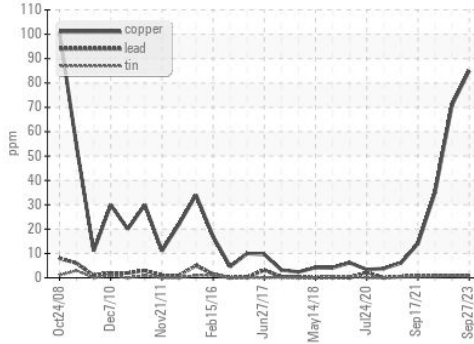
method	limit/base	current	history1	history2
Color		no image	no image	no image
Bottom		no image	no image	no image

GRAPHS

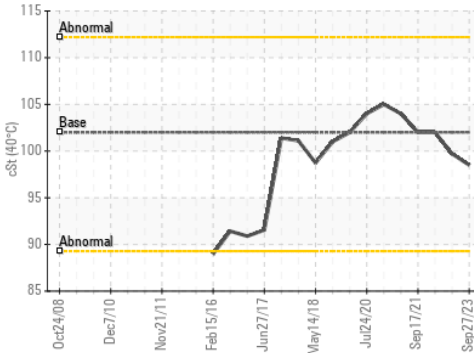
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0819820 **Received** : 04 Oct 2023
Lab Number : **05969370** **Diagnosed** : 06 Oct 2023
Unique Number : 10675921 **Diagnostician** : Sean Felton
Test Package : CONST

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: JIMMY DERAMUS
 jimmy.deramus@sherwood.net
 T: (918)691-3306
 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)