



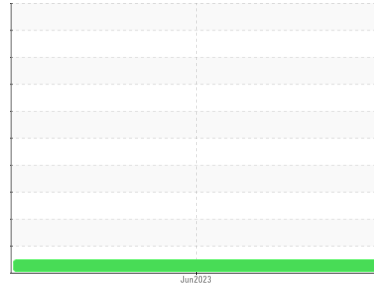
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
KANSAS/44
 Machine Id
78.262 [KANSAS^44]
 Component
Circle Gearbox
 Fluid
MOBIL MOBILTRANS HD 50 (2)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history 1	history 2
Sample Number	Client Info		WC0745937	---	---
Sample Date	Client Info		14 Jun 2023	---	---
Machine Age	hrs	Client Info	10155	---	---
Oil Age	hrs	Client Info	10155	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m >200	12	---	---
Chromium	ppm	ASTM D5185m >10	<1	---	---
Nickel	ppm	ASTM D5185m >10	0	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m	51	---	---
Lead	ppm	ASTM D5185m	6	---	---
Copper	ppm	ASTM D5185m	37	---	---
Tin	ppm	ASTM D5185m	2	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m	294	---	---
Barium	ppm	ASTM D5185m	0	---	---
Molybdenum	ppm	ASTM D5185m	0	---	---
Manganese	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m	0	---	---
Calcium	ppm	ASTM D5185m	41	---	---
Phosphorus	ppm	ASTM D5185m	1394	---	---
Zinc	ppm	ASTM D5185m	12	---	---
Sulfur	ppm	ASTM D5185m	28682	---	---

CONTAMINANTS

	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	2	---	---
Sodium	ppm	ASTM D5185m	2	---	---
Potassium	ppm	ASTM D5185m >20	0	---	---

VISUAL

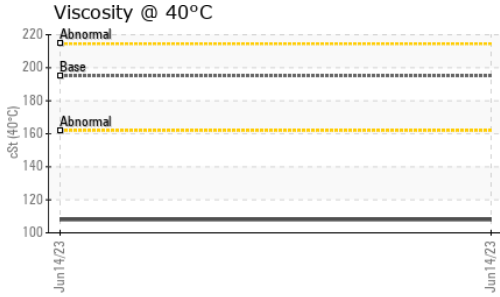
	method	limit/base	current	history 1	history 2
White Metal	scalar	*Visual NONE	MODER	---	---
Yellow Metal	scalar	*Visual NONE	NONE	---	---
Precipitate	scalar	*Visual NONE	NONE	---	---
Silt	scalar	*Visual NONE	NONE	---	---
Debris	scalar	*Visual NONE	NONE	---	---
Sand/Dirt	scalar	*Visual NONE	NONE	---	---
Appearance	scalar	*Visual NORML	NORML	---	---
Odor	scalar	*Visual NORML	NORML	---	---
Emulsified Water	scalar	*Visual >0.2	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---

FLUID PROPERTIES

	method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D445 195	108	---	---

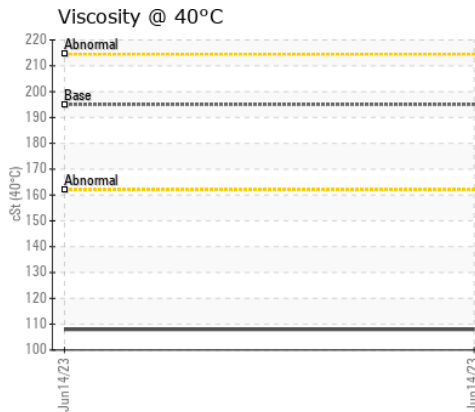
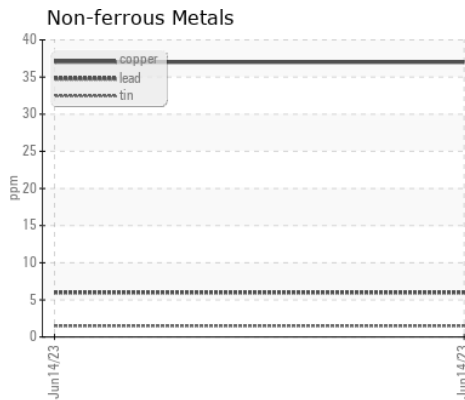
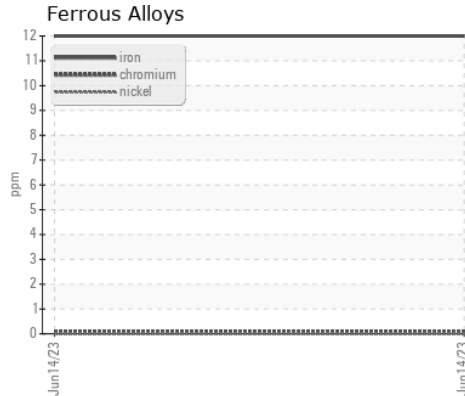


OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history 1	history 2
Color			no image	no image	no image
Bottom			no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0745937 **Received** : 21 Jun 2023
Lab Number : **05879853** **Diagnosed** : 23 Jun 2023
Unique Number : 10524956 **Diagnostician** : Don Baldrige
Test Package : CONST

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: RANDY ROBERTS
 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)