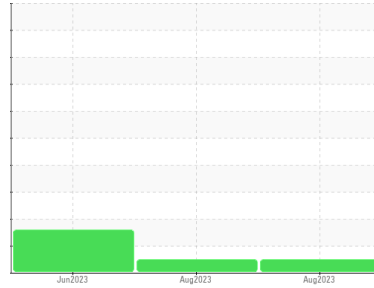




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**14053**  
 Component  
**Center Bearing**  
 Fluid  
**MOBIL SHC 632 (--- GAL)**

## 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

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC0826957</b>	WC0826923	WC0757515
Sample Date	Client Info			<b>14 Aug 2023</b>	07 Aug 2023	26 Jun 2023
Machine Age	wks	Client Info		<b>0</b>	0	0
Oil Age	wks	Client Info		<b>1</b>	0	749
Oil Changed	Client Info			<b>Not Changed</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	ABNORMAL

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	<b>31</b>	51	▲ 287
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185m	>5	<b>0</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>0</b>	<1	1
Lead	ppm	ASTM D5185m	>50	<b>0</b>	<1	2
Copper	ppm	ASTM D5185m	>150	<b>2</b>	2	14
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>0</b>	0	0
Barium	ppm	ASTM D5185m		<b>0</b>	1	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	0
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	1	4
Magnesium	ppm	ASTM D5185m		<b>4</b>	<1	1
Calcium	ppm	ASTM D5185m		<b>&lt;1</b>	1	1
Phosphorus	ppm	ASTM D5185m		<b>466</b>	450	597
Zinc	ppm	ASTM D5185m		<b>0</b>	<1	0
Sulfur	ppm	ASTM D5185m		<b>478</b>	162	867

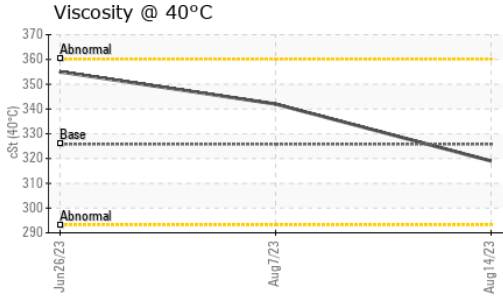
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<b>12</b>	11	17
Sodium	ppm	ASTM D5185m		<b>0</b>	0	<1
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	<1	3

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

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	325.8	<b>319</b>	342	355

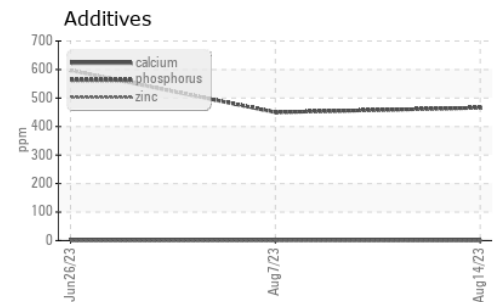
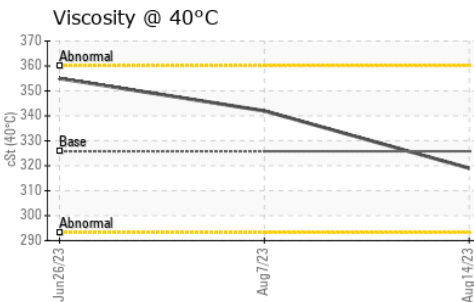
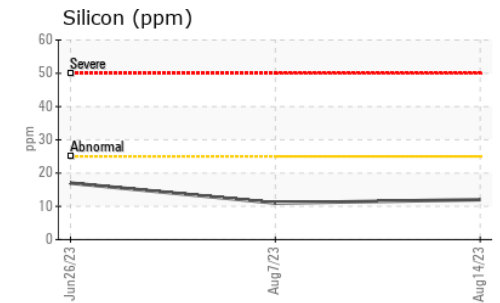
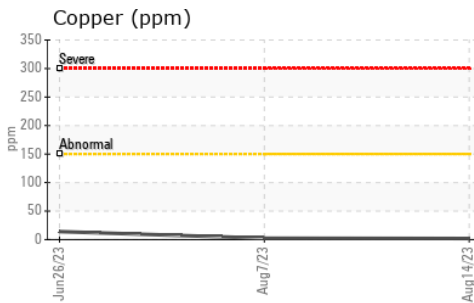
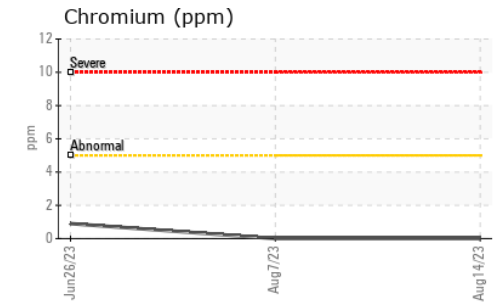
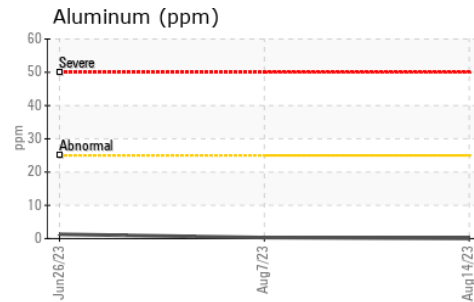
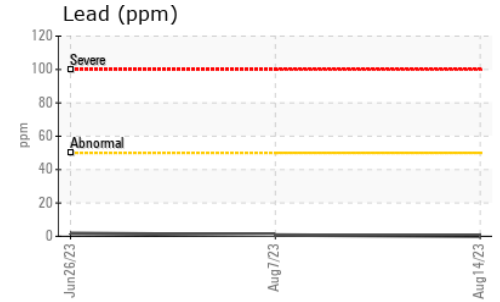
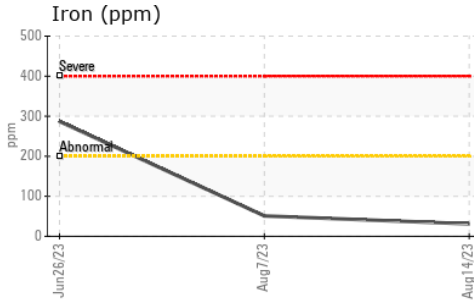


# OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
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.** : WC0826957      **Received** : 17 Aug 2023  
**Lab Number** : 05927940      **Diagnosed** : 21 Aug 2023  
**Unique Number** : 10607887      **Diagnostician** : Don Baldrige  
**Test Package** : MOB 1

**WAKE STONE CORPORATION-KNIGHTDALE**  
 PO BOX 190  
 KNIGHTDALE, NC  
 US 27545  
 Contact: AL PARKER  
 alparker@wakestonecorp.com  
 T:  
 F: (919)266-1149

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)