



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Machine Id  
**5996**  
 Component  
**Circulating System**  
 Fluid  
**SHELL OMALA 68 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

## WEAR

All component wear rates are normal.

## CONTAMINATION

Appearance is milky. There is a light concentration of water present in the oil.

## FLUID CONDITION

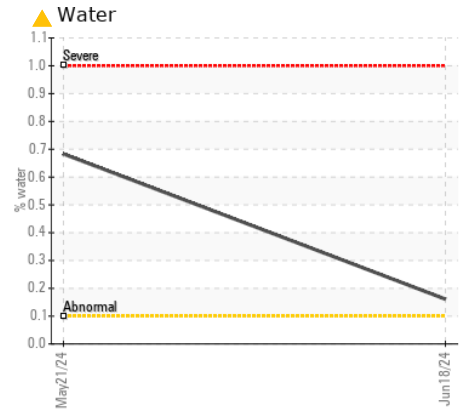
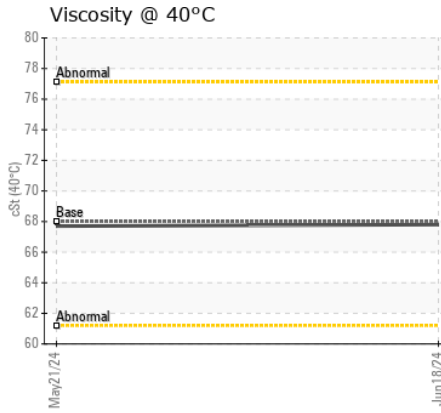
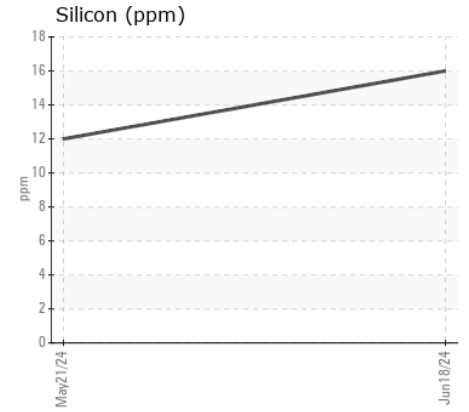
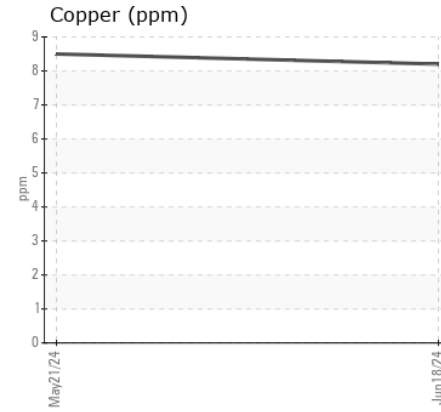
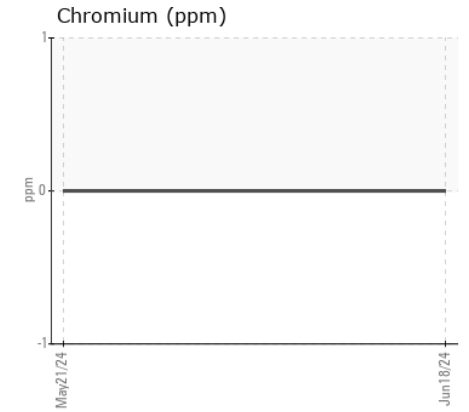
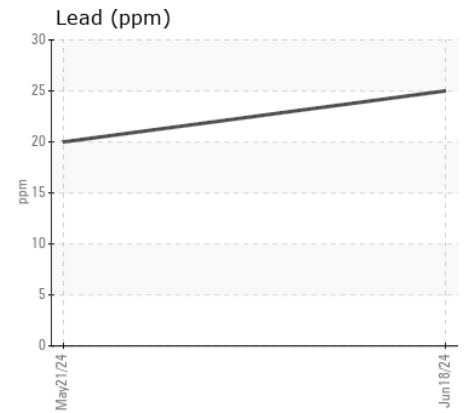
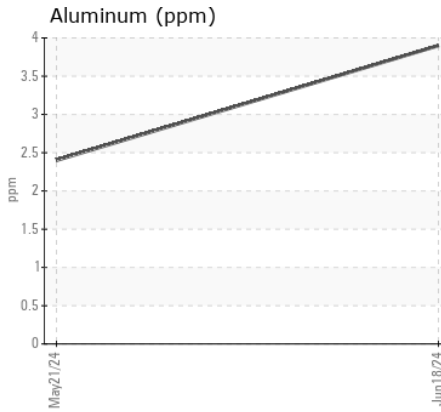
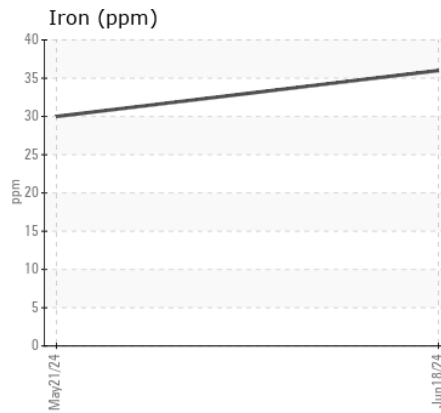
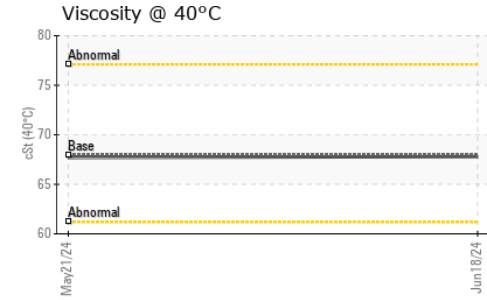
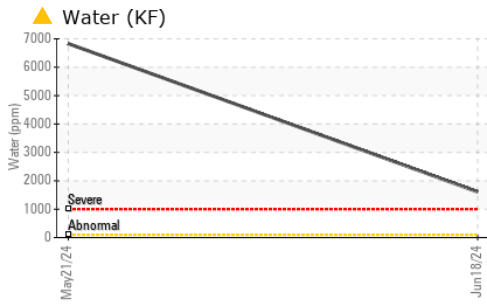
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0851687</b>	WC0851695	---
Sample Date		Client Info		<b>18 Jun 2024</b>	21 May 2024	---
Machine Age	hrs	Client Info		<b>522</b>	327	---
Oil Age	hrs	Client Info		<b>522</b>	327	---
Filter Age	hrs	Client Info		<b>522</b>	327	---
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Filter Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Sample Status				<b>ATTENTION</b>	ABNORMAL	---

Iron	ppm	ASTM D5185m		<b>36</b>	30	---
Chromium	ppm	ASTM D5185m		<b>0</b>	0	---
Nickel	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m		<b>4</b>	2	---
Lead	ppm	ASTM D5185m		<b>25</b>	20	---
Copper	ppm	ASTM D5185m		<b>8</b>	8	---
Tin	ppm	ASTM D5185m		<b>2</b>	2	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

Silicon	ppm	ASTM D5185m		<b>16</b>	12	---
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	<1	---
Water	%	ASTM D6304		<b>▲ 0.161</b>	▲ 0.683	---
ppm Water	ppm	ASTM D6304		<b>▲ 1610</b>	▲ 6830	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>● MILKY</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual		<b>▲ 0.2%</b>	▲ 0.2%	---

Sodium	ppm	ASTM D5185m		<b>5</b>	1	---
Boron	ppm	ASTM D5185m		<b>2</b>	<1	---
Barium	ppm	ASTM D5185m		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185m		<b>0</b>	0	---
Calcium	ppm	ASTM D5185m		<b>14</b>	<1	---
Phosphorus	ppm	ASTM D5185m		<b>296</b>	272	---
Zinc	ppm	ASTM D5185m		<b>9</b>	0	---
Sulfur	ppm	ASTM D5185m		<b>10733</b>	10210	---
Visc @ 40°C	cSt	ASTM D445	68.0	<b>67.8</b>	67.7	---



Certificate L2367

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

Sample No. : WC0851687

Lab Number : 06217185

Unique Number : 11090049

Test Package : MOB 1 ( Additional Tests: KF )

Received : 21 Jun 2024

Tested : 24 Jun 2024

Diagnosed : 24 Jun 2024 - Don Baldrige

WAKE STONE CORPORATION - BATTLEBORO

NASH CO. QUARRY, 7379 N. HALIFAX RD.

BATTLEBORO, NC

US 27809

Contact: WAYNE HILL

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T:

F:

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)