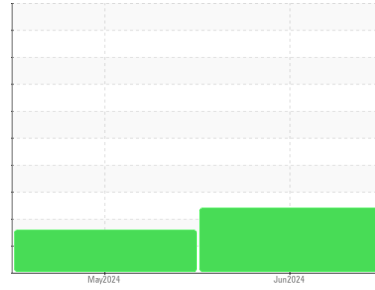




OIL ANALYSIS REPORT

Sample Rating Trend



WATER



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

DIAGNOSIS

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.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0851687	WC0851695	---
Sample Date	Client Info			18 Jun 2024	21 May 2024	---
Machine Age	hrs	Client Info		522	327	---
Oil Age	hrs	Client Info		522	327	---
Oil Changed	Client Info			Not Chngd	Not Chngd	---
Sample Status				ATTENTION	ABNORMAL	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		36	30	---
Chromium	ppm	ASTM D5185m		0	0	---
Nickel	ppm	ASTM D5185m		<1	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m		4	2	---
Lead	ppm	ASTM D5185m		25	20	---
Copper	ppm	ASTM D5185m		8	8	---
Tin	ppm	ASTM D5185m		2	2	---
Vanadium	ppm	ASTM D5185m		0	0	---
Cadmium	ppm	ASTM D5185m		0	0	---

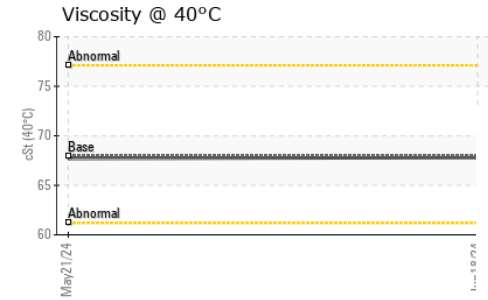
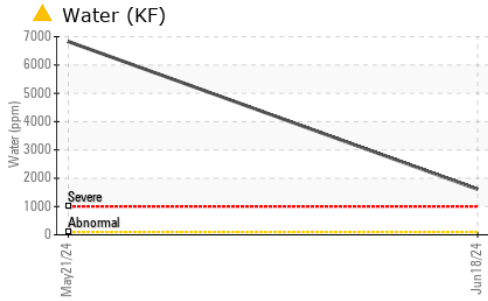
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		2	<1	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		<1	<1	---
Magnesium	ppm	ASTM D5185m		0	0	---
Calcium	ppm	ASTM D5185m		14	<1	---
Phosphorus	ppm	ASTM D5185m		296	272	---
Zinc	ppm	ASTM D5185m		9	0	---
Sulfur	ppm	ASTM D5185m		10733	10210	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		16	12	---
Sodium	ppm	ASTM D5185m		5	1	---
Potassium	ppm	ASTM D5185m	>20	4	<1	---
Water	%	ASTM D6304		▲ 0.161	▲ 0.683	---
ppm Water	ppm	ASTM D6304		▲ 1610	▲ 6830	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	▲ MILKY	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual		▲ 0.2%	▲ 0.2%	---
Free Water	scalar	*Visual		NEG	NEG	---

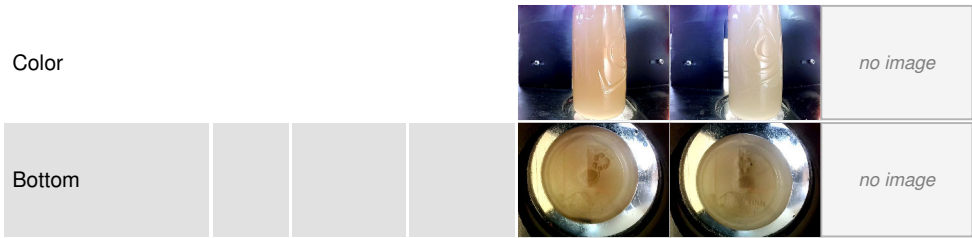


OIL ANALYSIS REPORT

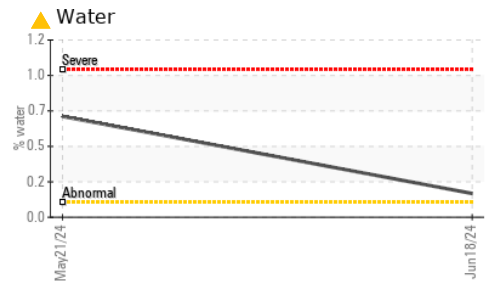
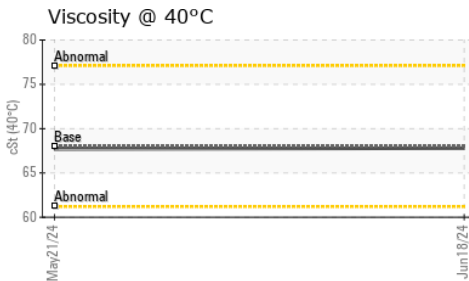
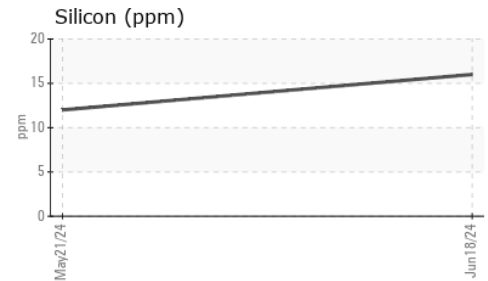
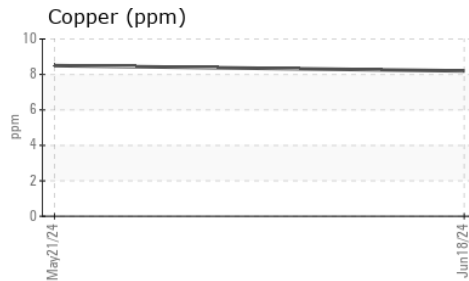
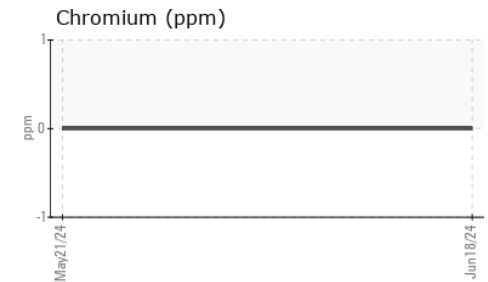
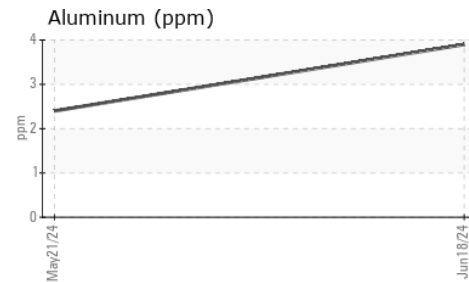
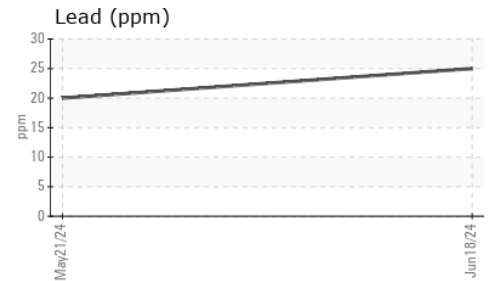
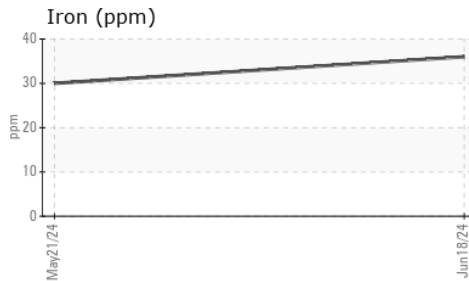


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 68.0	67.8	67.7	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



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
 waynehill@wakestonecorp.com

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)

T:
F: