



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id  
**SYMMON 5065**  
 Component  
**Circulating Gearbox**  
 Fluid  
**SHELL OMALA 68 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

## WEAR

All component wear rates are normal.

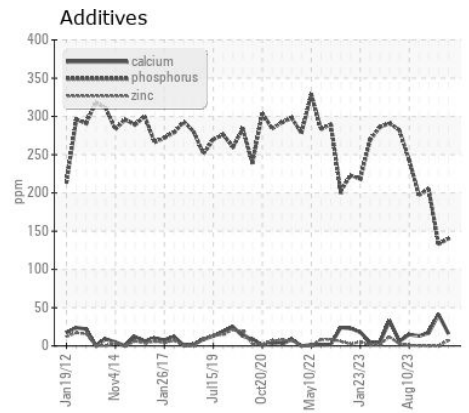
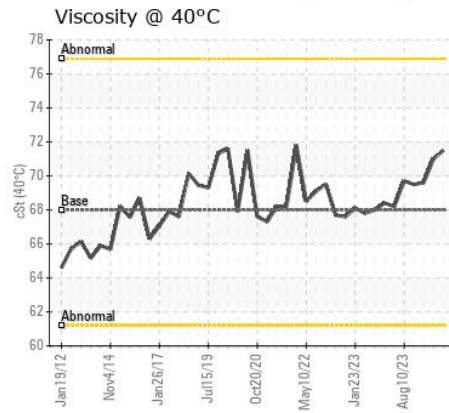
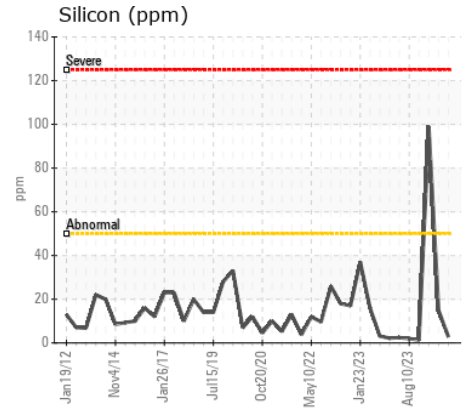
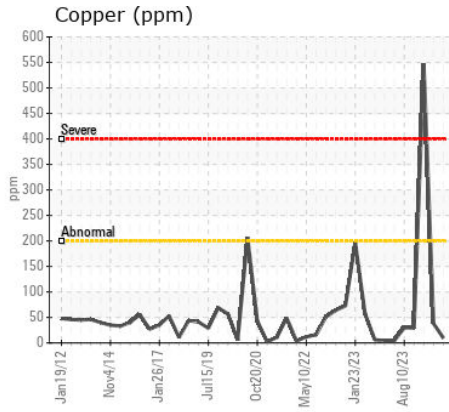
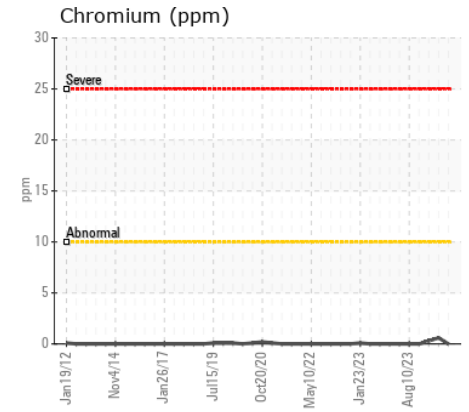
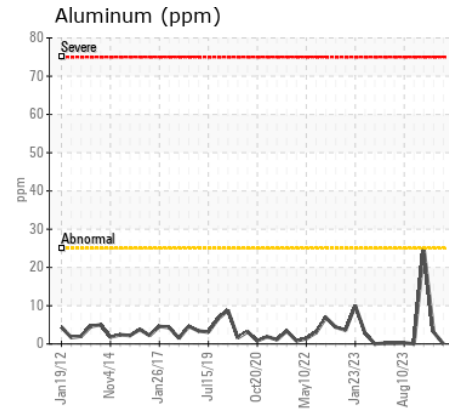
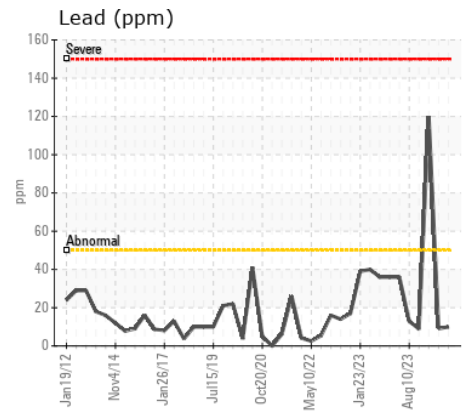
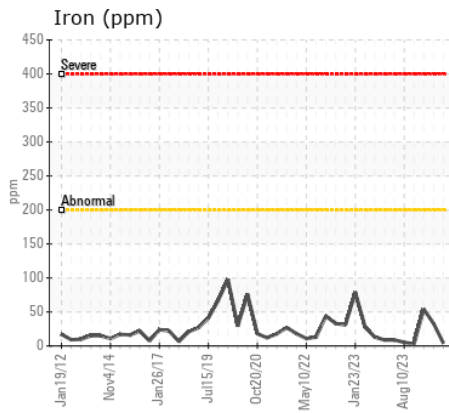
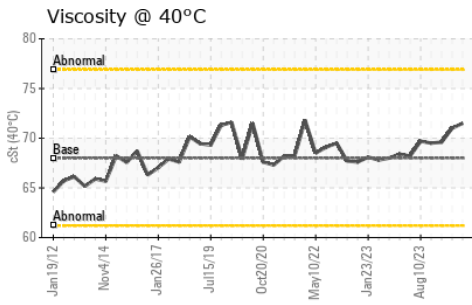
## CONTAMINATION

There is no indication of any contamination in the oil.

## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0729162</b>	WC0826928	WC0826951
Sample Date		Client Info		<b>15 Apr 2024</b>	26 Oct 2023	16 Oct 2023
Machine Age	hrs	Client Info		<b>21156</b>	19707	19623
Oil Age	hrs	Client Info		<b>1210</b>	84	2059
Filter Age	hrs	Client Info		<b>1210</b>	84	2059
Oil Changed		Client Info		<b>Not Changed</b>	N/A	Changed
Filter Changed		Client Info		<b>Not Changed</b>	N/A	Changed
Sample Status				<b>NORMAL</b>	NORMAL	SEVERE
Iron	ppm	ASTM D5185m	>200	<b>4</b>	33	54
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	<1	2
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>0</b>	3	25
Lead	ppm	ASTM D5185m	>50	<b>10</b>	9	120
Copper	ppm	ASTM D5185m	>200	<b>10</b>	38	547
Tin	ppm	ASTM D5185m	>10	<b>0</b>	3	35
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185m	>50	<b>3</b>	15	99
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	3	16
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
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	>0.2	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	0	5
Boron	ppm	ASTM D5185m		<b>&lt;1</b>	5	0
Barium	ppm	ASTM D5185m		<b>0</b>	0	10
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>&lt;1</b>	2	2
Calcium	ppm	ASTM D5185m		<b>16</b>	41	17
Phosphorus	ppm	ASTM D5185m		<b>140</b>	133	205
Zinc	ppm	ASTM D5185m		<b>7</b>	0	<1
Sulfur	ppm	ASTM D5185m		<b>6995</b>	6414	7562
Visc @ 40°C	cSt	ASTM D445	68.0	<b>71.5</b>	71.00	69.6



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0729162  
**Lab Number** : 06155380  
**Unique Number** : 10990803  
**Test Package** : MOB 1

**Received** : 19 Apr 2024  
**Tested** : 22 Apr 2024  
**Diagnosed** : 22 Apr 2024 - Wes Davis

**WAKE STONE CORPORATION-KNIGHTDALE**  
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 KNIGHTDALE, NC  
 US 27545  
 Contact: AL PARKER  
 alparker@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)

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