



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id  
**JAWS FEEDER FEG0480302**  
 Component  
**Gearbox**  
 Fluid  
**SHELL OMALA S2 GX 150 (--- GAL)**

**RECOMMENDATION**

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0921844</b>	WC0921833	WC0891253
Sample Date		Client Info		<b>26 Jun 2024</b>	25 Apr 2024	14 Mar 2024
Machine Age	hrs	Client Info		<b>20838</b>	20533	20291
Oil Age	hrs	Client Info		<b>324</b>	506	264
Filter Age	hrs	Client Info		<b>324</b>	506	264
Oil Changed		Client Info		<b>Changed</b>	Changed	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

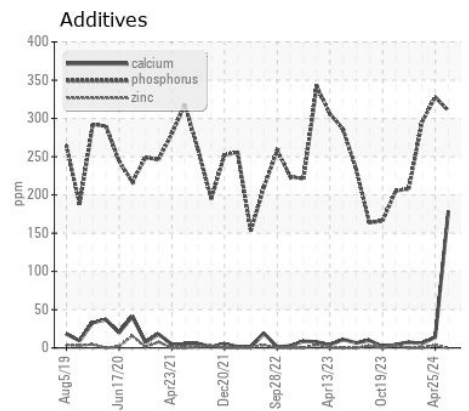
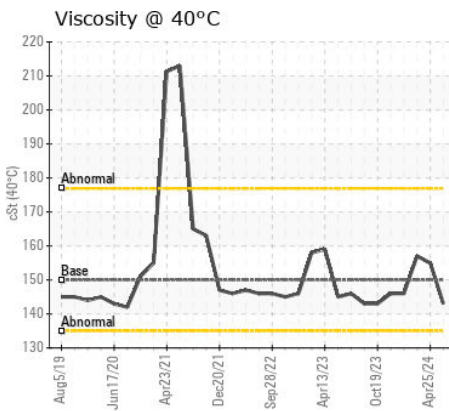
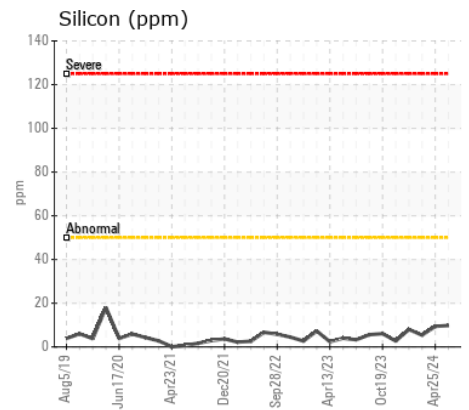
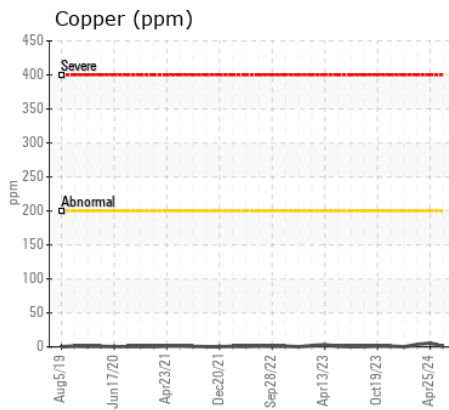
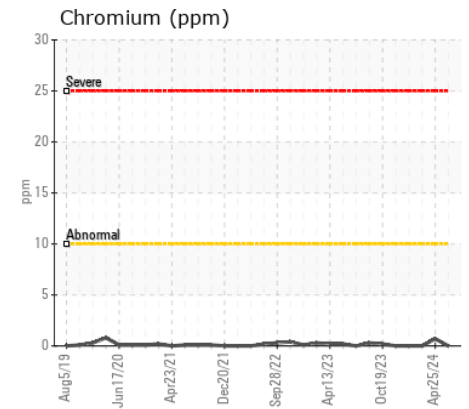
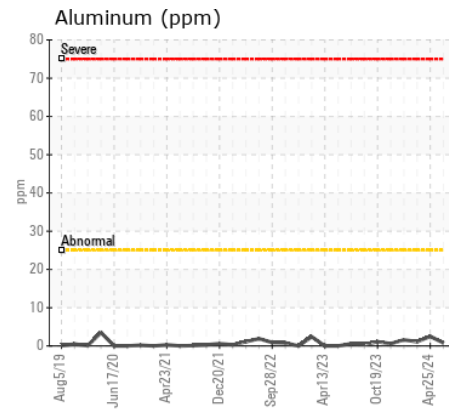
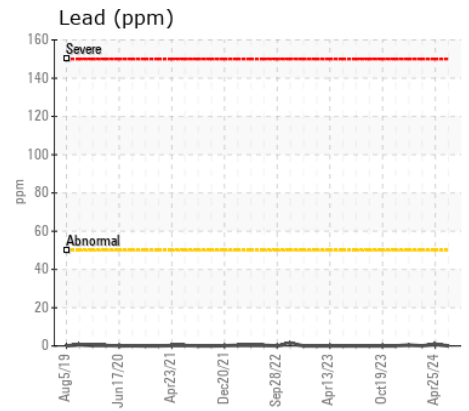
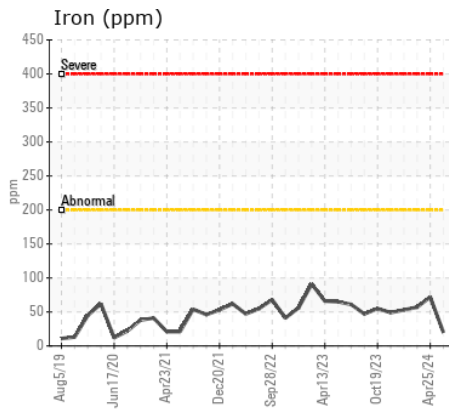
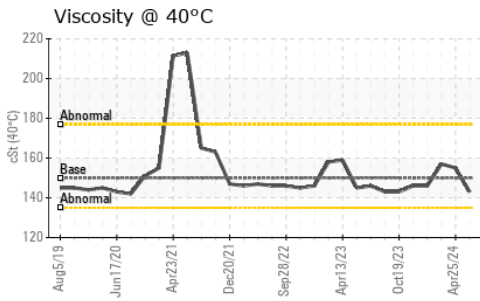
Iron	ppm	ASTM D5185m	>200	<b>20</b>	72	57
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	0
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	2	1
Lead	ppm	ASTM D5185m	>50	<b>0</b>	1	0
Copper	ppm	ASTM D5185m	>200	<b>&lt;1</b>	6	4
Tin	ppm	ASTM D5185m	>10	<b>0</b>	1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

Silicon	ppm	ASTM D5185m	>50	<b>10</b>	9	5
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	2	0
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>	LIGHT	LIGHT
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

**FLUID CONDITION**

Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	0	1
Boron	ppm	ASTM D5185m	6.2	<b>0</b>	2	1
Barium	ppm	ASTM D5185m	0.0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	<1	0
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185m	0	<b>3</b>	<1	0
Calcium	ppm	ASTM D5185m	0.0	<b>179</b>	14	6
Phosphorus	ppm	ASTM D5185m	290	<b>310</b>	328	295
Zinc	ppm	ASTM D5185m	3.8	<b>0</b>	4	0
Sulfur	ppm	ASTM D5185m	8167	<b>11237</b>	15478	14301
Visc @ 40°C	cSt	ASTM D445	150	<b>143</b>	155	157



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0921844  
**Lab Number** : 06234103  
**Unique Number** : 11122937  
**Test Package** : MOB 1

**Received** : 11 Jul 2024  
**Tested** : 16 Jul 2024  
**Diagnosed** : 16 Jul 2024 - Sean Felton

**WAKE STONE CORPORATION-MONCURE**  
P.O. BOX 158  
MONCURE, NC  
US 27559  
Contact: ROBBIE BOGAN  
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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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