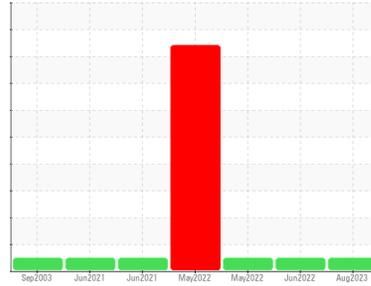




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
5060 CONE
 Component
Reservoir Crusher
 Fluid
SHELL OMALA 68 (220 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		WC0826917	WC0660091	WC0660087
Sample Date	Client Info		10 Aug 2023	14 Jun 2022	17 May 2022
Machine Age	hrs	Client Info	18896	15794	15614
Oil Age	hrs	Client Info	310	241	61
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	41	25	34
Chromium	ppm	ASTM D5185m >15	0	0	0
Nickel	ppm	ASTM D5185m >15	<1	0	0
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m	0	<1	0
Aluminum	ppm	ASTM D5185m >50	8	3	2
Lead	ppm	ASTM D5185m >100	48	23	21
Copper	ppm	ASTM D5185m >200	75	97	100
Tin	ppm	ASTM D5185m >15	6	8	8
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	1	0
Barium	ppm	ASTM D5185m	0	2	0
Molybdenum	ppm	ASTM D5185m	0	<1	0
Manganese	ppm	ASTM D5185m	<1	<1	<1
Magnesium	ppm	ASTM D5185m	<1	<1	3
Calcium	ppm	ASTM D5185m	3	8	6
Phosphorus	ppm	ASTM D5185m	299	250	256
Zinc	ppm	ASTM D5185m	0	3	0
Sulfur	ppm	ASTM D5185m	10044	9029	6813

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >100	20	8	9
Sodium	ppm	ASTM D5185m	3	0	0
Potassium	ppm	ASTM D5185m >20	4	1	2

VISUAL

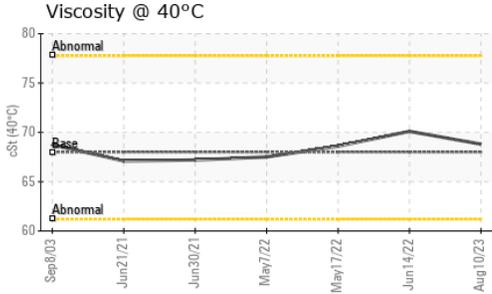
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White Metal	scalar	*Visual NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	LIGHT	NONE
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	NONE
Appearance	scalar	*Visual NORML	NORML	NORML	NORML
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >0.1	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

FLUID PROPERTIES

	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 68.0	68.8	70.1	68.6

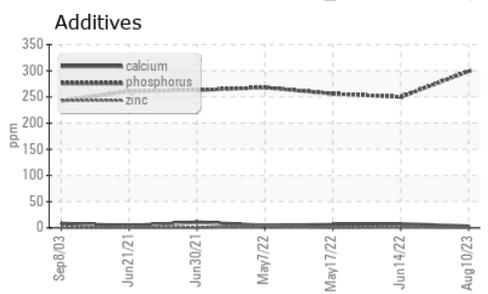
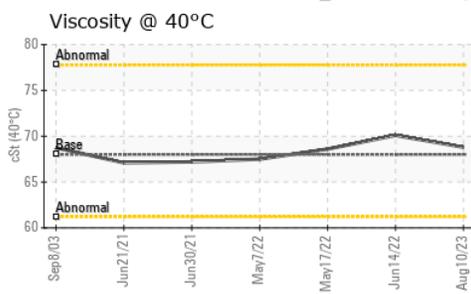
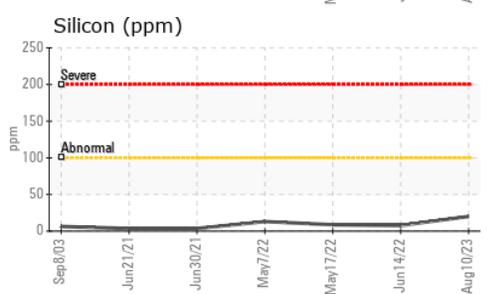
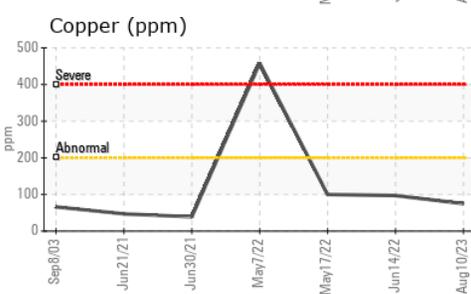
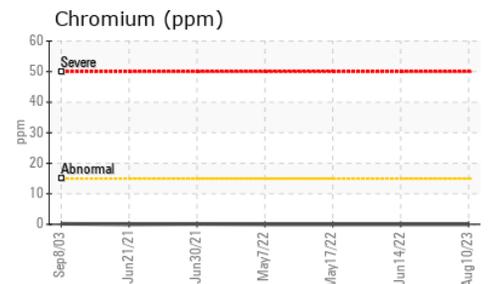
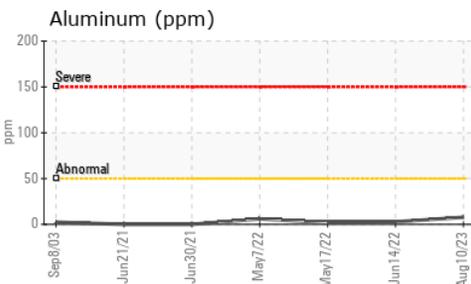
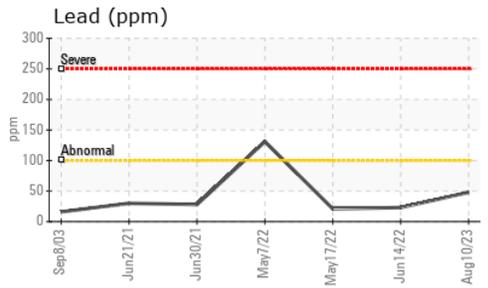
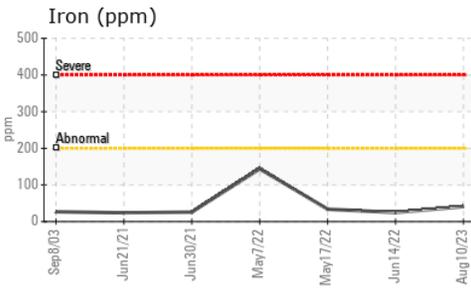


OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image		
Bottom			no image		

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0826917 **Received** : 11 Aug 2023
Lab Number : 05922474 **Diagnosed** : 14 Aug 2023
Unique Number : 10602421 **Diagnostician** : Wes Davis
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)