MOB I

WEAR CHECK

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
H/R JAW CRUSHER 5011 NONDRIVE
Component
Gearbox
Fluid
SHELL OMALA S2 G 220 (45 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 fluid.

FLUID CONDITION

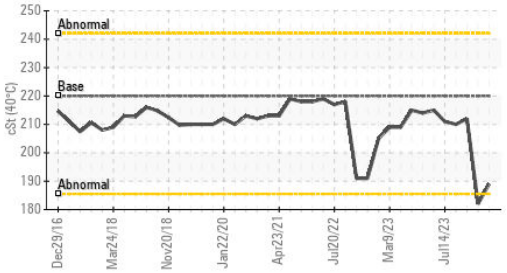
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0819299	WC0840618	WC0840624
Sample Date		Client Info		05 Dec 2023	03 Nov 2023	26 Sep 2023
Machine Age	hrs	Client Info		19786	19590	19351
Oil Age	hrs	Client Info		247	5175	492
Filter Age	hrs	Client Info		247	5175	492
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		N/A	Not Changd	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>200	50	13	▲ 333
Chromium	ppm	ASTM D5185m	>10	0	<1	3
Nickel	ppm	ASTM D5185m	>10	0	0	2
Titanium	ppm	ASTM D5185m		<1	<1	2
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	13	1	▲ 27
Lead	ppm	ASTM D5185m	>50	0	0	<1
Copper	ppm	ASTM D5185m	>200	1	0	2
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>50	42	11	▲ 89
Potassium	ppm	ASTM D5185m	>20	<1	2	8
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	LIGHT	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	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	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		2	0	10
Boron	ppm	ASTM D5185m	4.4	0	<1	2
Barium	ppm	ASTM D5185m	0.0	0	<1	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		1	0	5
Magnesium	ppm	ASTM D5185m	0	4	<1	4
Calcium	ppm	ASTM D5185m	0	9	2	18
Phosphorus	ppm	ASTM D5185m	215	310	311	307
Zinc	ppm	ASTM D5185m	0	4	0	0
Sulfur	ppm	ASTM D5185m	7039	10098	11748	11855
Visc @ 40°C	cSt	ASTM D445	220	189	182	212

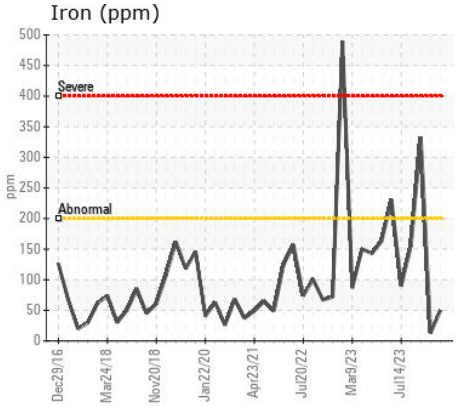
Report Id: WAKMON [WUSCAR] 06062238 (Generated: 01/19/2024 14:08:35) Rev: 1

Contact/Location: ROBBIE BOGAN - WAKMON

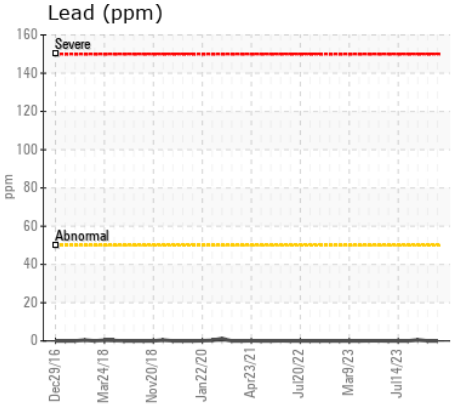
Viscosity @ 40°C



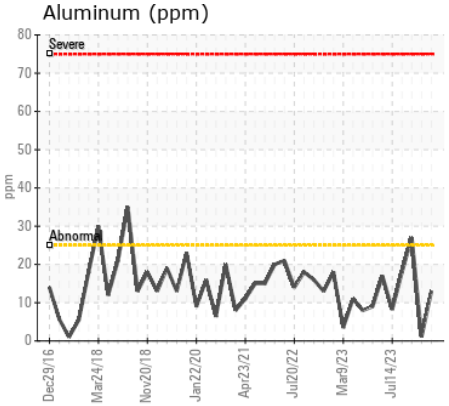
Iron (ppm)



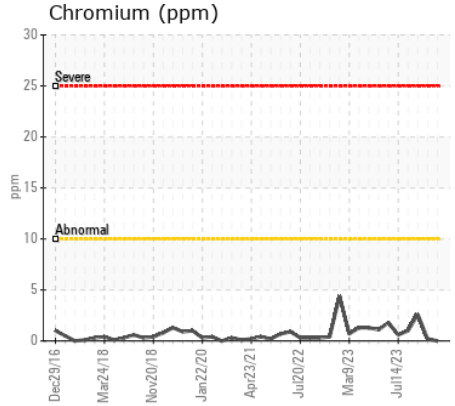
Lead (ppm)



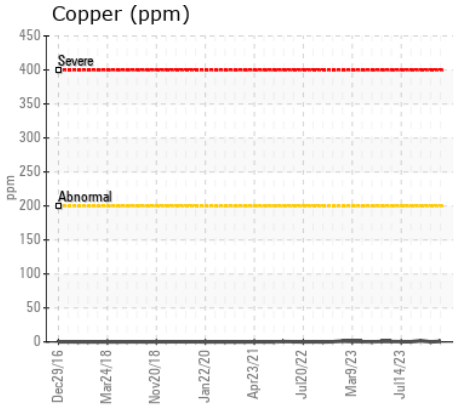
Aluminum (ppm)



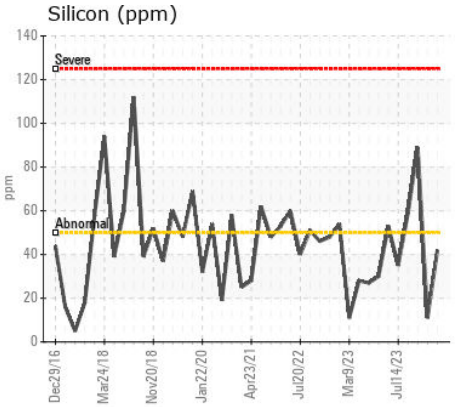
Chromium (ppm)



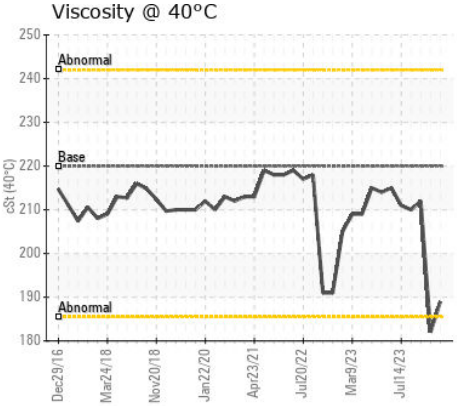
Copper (ppm)



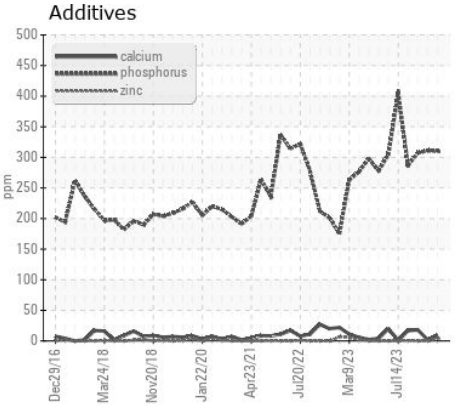
Silicon (ppm)



Viscosity @ 40°C



Additives



Certificate L2367

Laboratory	: WearCheck USA - 501 Madison Ave., Cary, NC 27513		
Sample No.	: WC0819299	**Recieved**	: 16 Jan 2024
Lab Number	: 06062238	**Diagnosed**	: 18 Jan 2024
Unique Number	: 10833620	**Diagnostician**	: Don Baldridge
Test Package	: MOB 1		

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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