CONST

James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area
[W64408]
Machine Id
KUBOTA KX080 JKUK0804C01H46808
Component
Hydraulic System
Fluid
AW HYDRAULIC OIL ISO 46 (24 GAL)

RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor. (Customer Sample Comment: W64408)

WEAR

All component wear rates are normal.

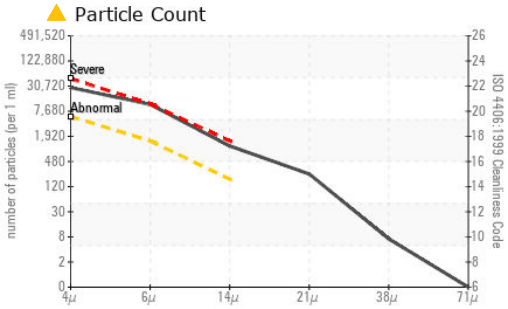
CONTAMINATION

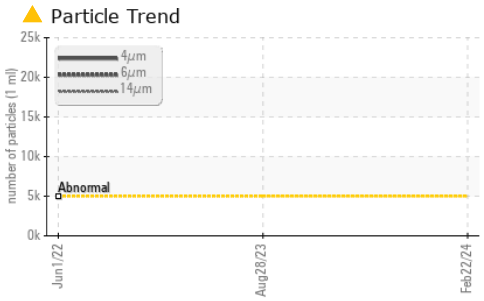
There is a high amount of particulates present in the oil. Moderate concentration of visible dirt/debris present in the oil.

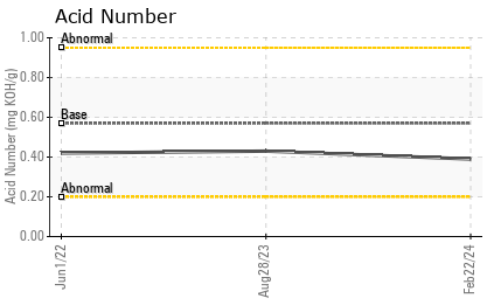
FLUID CONDITION

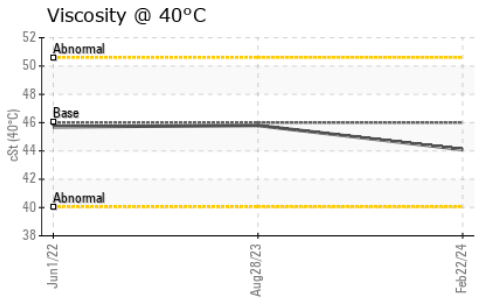
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

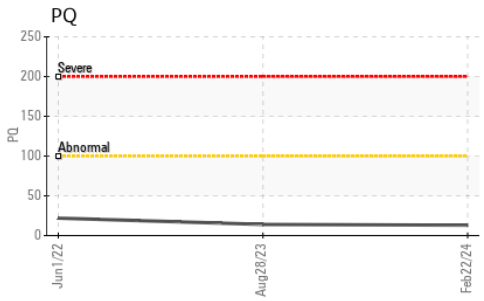
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0204265	JR0177453	JR0128136
Sample Date		Client Info		22 Feb 2024	28 Aug 2023	01 Jun 2022
Machine Age	hrs	Client Info		3769	2536	2536
Oil Age	hrs	Client Info		1233	2536	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		Not Changd	Changed	Not Changd
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
PQ		ASTM D8184		13	14	22
Iron	ppm	ASTM D5185m	>20	<1	17	14
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	<1	1	1
Lead	ppm	ASTM D5185m	>10	0	0	<1
Copper	ppm	ASTM D5185m	>75	2	5	6
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	<1	2	2
Potassium	ppm	ASTM D5185m	>20	0	0	0
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	▲ 24532	---	---
Particles >6µm		ASTM D7647	>1300	▲ 9690	---	---
Particles >14µm		ASTM D7647	>160	▲ 992	---	---
Particles >21µm		ASTM D7647	>40	▲ 212	---	---
Particles >38µm		ASTM D7647	>10	6	---	---
Particles >71µm		ASTM D7647	>3	0	---	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 22/20/17	---	---
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	▲ MODER	▲ MODER	▲ MODER
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
Sodium	ppm	ASTM D5185m		0	<1	<1
Boron	ppm	ASTM D5185m	5	0	0	0
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m	5	0	0	0
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	25	1	7	8
Calcium	ppm	ASTM D5185m	200	143	94	91
Phosphorus	ppm	ASTM D5185m	300	331	252	250
Zinc	ppm	ASTM D5185m	370	283	340	324
Sulfur	ppm	ASTM D5185m	2500	2852	7909	6351
Acid Number (AN)	mg KOH/g	ASTM D8045	0.57	0.39	0.43	0.42
Visc @ 40°C	cSt	ASTM D445	46	44.1	45.8	45.7

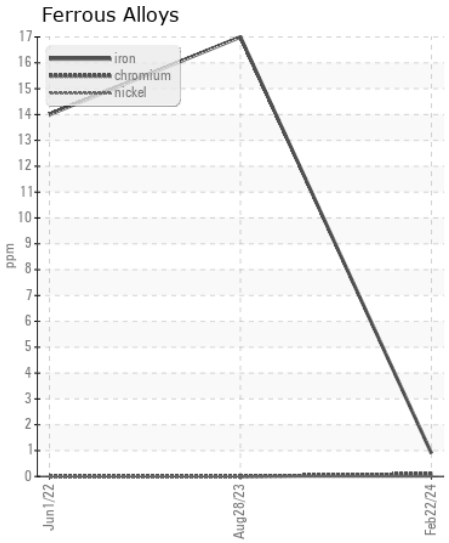


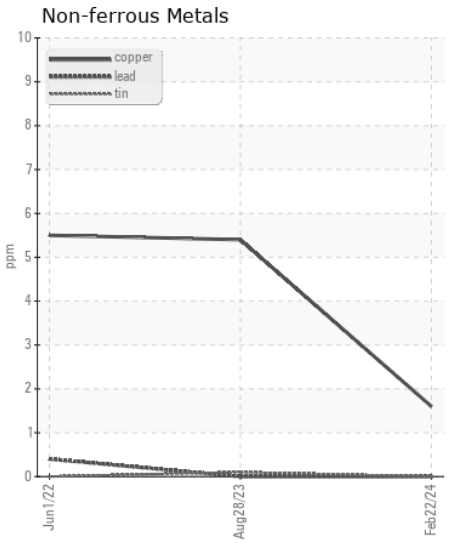


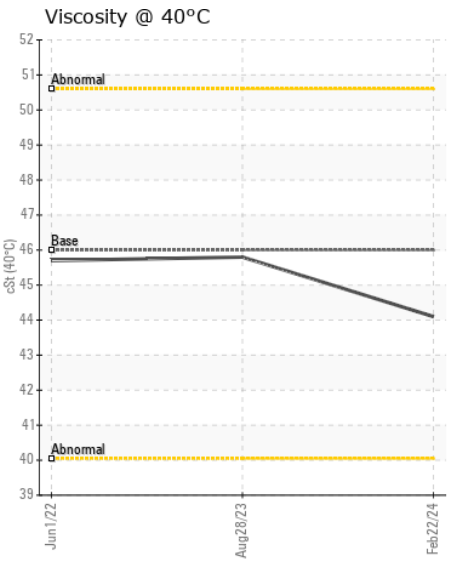


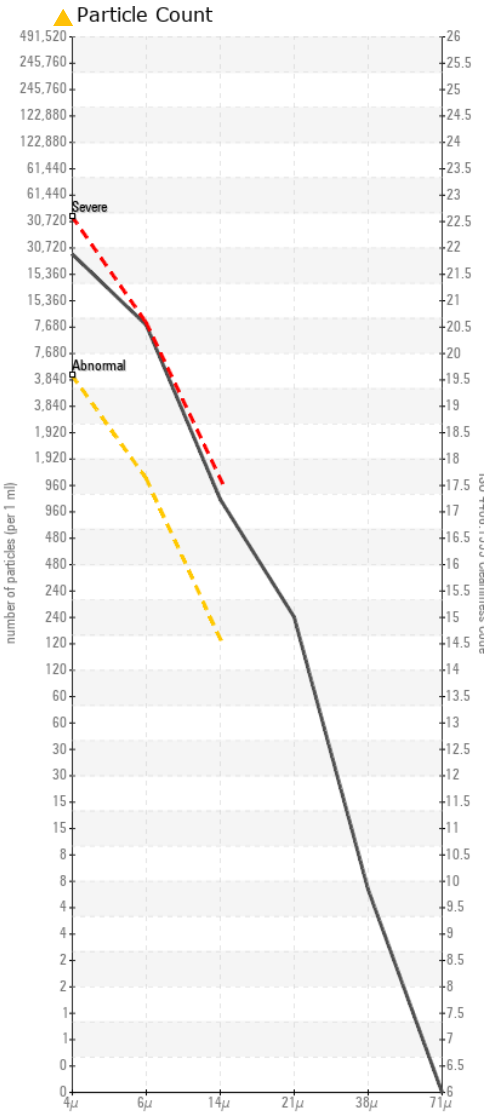


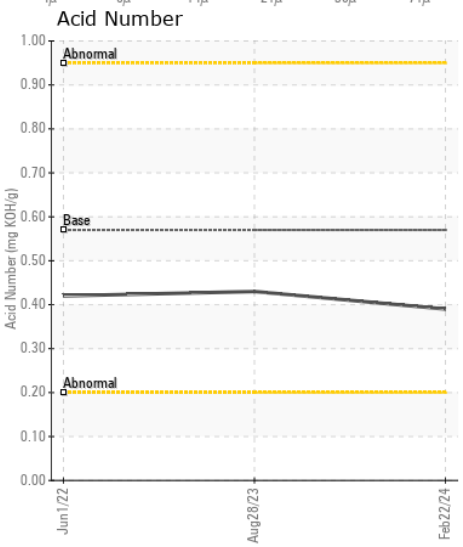












Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0204265
Lab Number : 06101505
Unique Number : 10899735
Test Package : CONST (Additional Tests: PQ)

Received : 27 Feb 2024
Tested : 28 Feb 2024
Diagnosed : 28 Feb 2024 - Don Baldridge

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)

JRE - CHARLOTTE
9550 STATESVILLE ROAD
CHARLOTTE, NC
US 28269
Contact: CHARLOTTE SHOP
myoung@jamesriverequipment.com
T: (704)597-0211
F: (704)596-6198