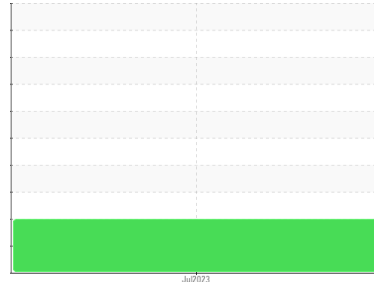




OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id
JCB 542-7AGH 3151395
 Component
Transmission
 Fluid
JCB 10W (5 GAL)

DIAGNOSIS

▲ Recommendation

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

▲ Contamination

High concentration of visible dirt/debris present in the fluid. There is a moderate concentration of water present in the fluid.

Fluid Condition

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

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	JCB004907	---	---
Sample Date	Client Info	07 Jul 2023	---	---
Machine Age	hrs	250	---	---
Oil Age	hrs	250	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184	14	---	---
Iron	ppm	ASTM D5185m >200	18	---
Chromium	ppm	ASTM D5185m >10	0	---
Nickel	ppm	ASTM D5185m	0	---
Titanium	ppm	ASTM D5185m	<1	---
Silver	ppm	ASTM D5185m	0	---
Aluminum	ppm	ASTM D5185m >50	2	---
Lead	ppm	ASTM D5185m >50	6	---
Copper	ppm	ASTM D5185m >200	7	---
Tin	ppm	ASTM D5185m >10	0	---
Vanadium	ppm	ASTM D5185m	<1	---
Cadmium	ppm	ASTM D5185m	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	7	---
Barium	ppm	ASTM D5185m	4	---
Molybdenum	ppm	ASTM D5185m	<1	---
Manganese	ppm	ASTM D5185m	2	---
Magnesium	ppm	ASTM D5185m	11	---
Calcium	ppm	ASTM D5185m	2890	---
Phosphorus	ppm	ASTM D5185m	958	---
Zinc	ppm	ASTM D5185m	1179	---
Sulfur	ppm	ASTM D5185m	9956	---

CONTAMINANTS

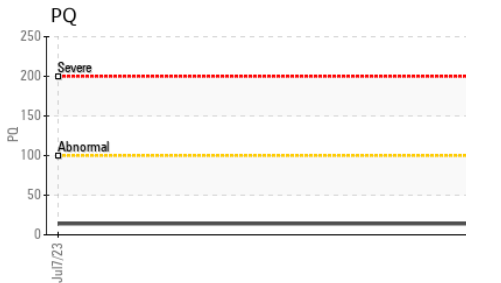
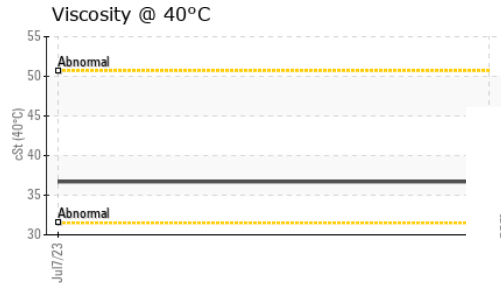
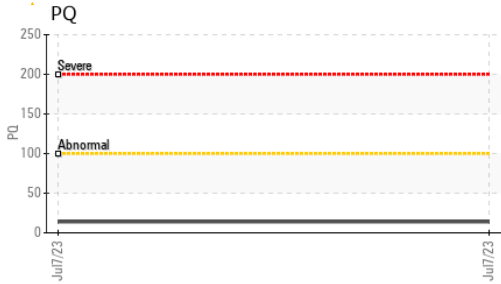
method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	6	---
Sodium	ppm	ASTM D5185m	4	---
Potassium	ppm	ASTM D5185m >20	<1	---
Water	%	ASTM D6304 >0.1	▲ 0.445	---
ppm Water	ppm	ASTM D6304 >1000	▲ 4450	---

VISUAL

method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	---
Yellow Metal	scalar	*Visual NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	---
Debris	scalar	*Visual NONE	▲ HEAVY	---
Sand/Dirt	scalar	*Visual NONE	NONE	---
Appearance	scalar	*Visual NORML	NORML	---
Odor	scalar	*Visual NORML	NORML	---
Emulsified Water	scalar	*Visual >0.1	▲ 0.2%	---
Free Water	scalar	*Visual	NEG	---



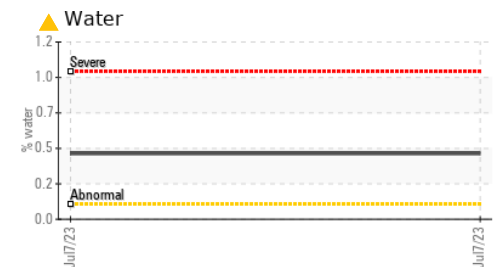
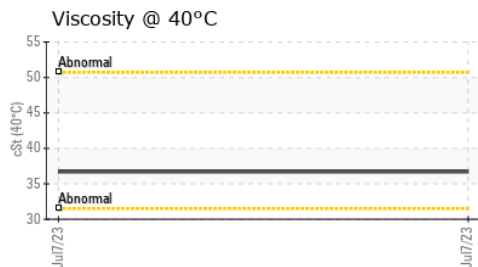
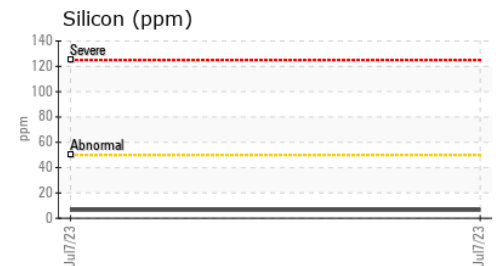
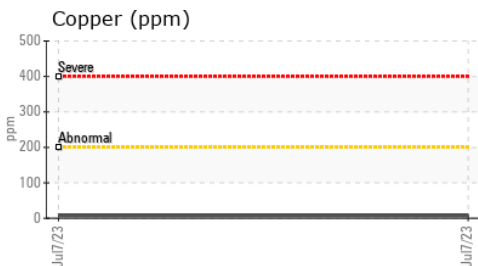
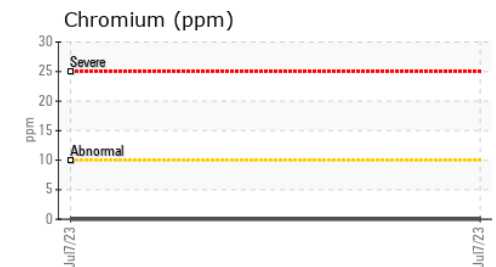
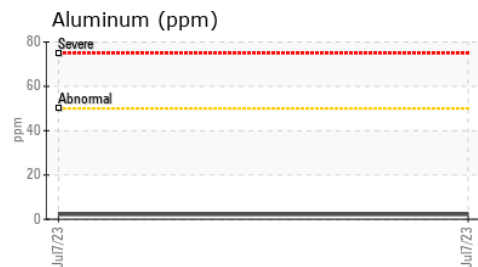
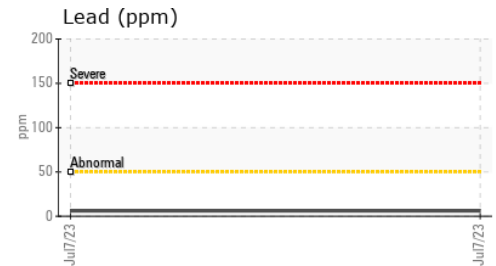
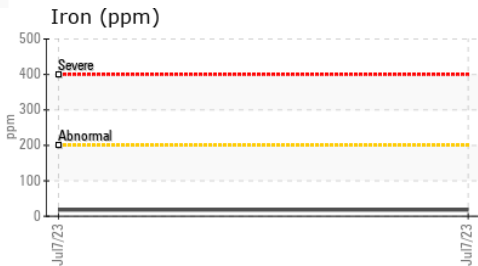
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	36.7	---	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JCB004907 **Received** : 14 Jul 2023
Lab Number : 05899427 **Diagnosed** : 18 Jul 2023
Unique Number : 10560783 **Diagnostician** : Don Baldrige
Test Package : MOB 1 (Additional Tests: KF, PQ)

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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F: