



OIL ANALYSIS REPORT

Sample Rating Trend

VISUAL METAL

Machine Id
JCB 930 2365372
 Component
Transmission
 Fluid
NOT GIVEN (--- GAL)



DIAGNOSIS

▲ Recommendation

We recommend that you drain the fluid from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

▲ Wear

Moderate concentration of visible metal present. High wear metal levels reflect the reported failure.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	JCB000265	---	---
Sample Date	Client Info	24 Feb 2023	---	---
Machine Age	hrs Client Info	1346	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184	67	---	---
Iron	ppm ASTM D5185m >200	86	---	---
Chromium	ppm ASTM D5185m >10	<1	---	---
Nickel	ppm ASTM D5185m	<1	---	---
Titanium	ppm ASTM D5185m	<1	---	---
Silver	ppm ASTM D5185m	<1	---	---
Aluminum	ppm ASTM D5185m >50	9	---	---
Lead	ppm ASTM D5185m >50	2	---	---
Copper	ppm ASTM D5185m >200	68	---	---
Tin	ppm ASTM D5185m >10	<1	---	---
Vanadium	ppm ASTM D5185m	0	---	---
Cadmium	ppm ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	28	---	---
Barium	ppm ASTM D5185m	4	---	---
Molybdenum	ppm ASTM D5185m	4	---	---
Manganese	ppm ASTM D5185m	3	---	---
Magnesium	ppm ASTM D5185m	43	---	---
Calcium	ppm ASTM D5185m	1537	---	---
Phosphorus	ppm ASTM D5185m	687	---	---
Zinc	ppm ASTM D5185m	776	---	---
Sulfur	ppm ASTM D5185m	2562	---	---

CONTAMINANTS

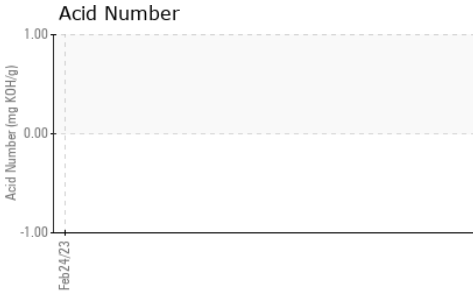
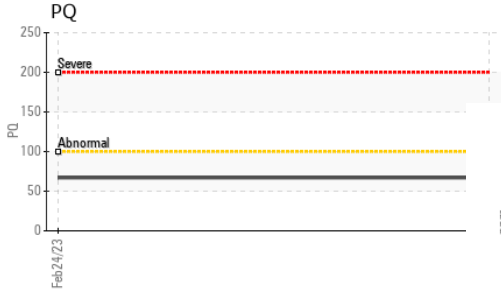
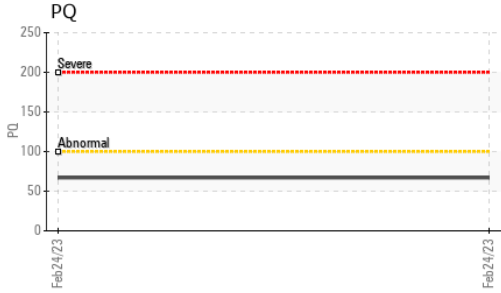
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >50	4	---	---
Sodium	ppm ASTM D5185m	6	---	---
Potassium	ppm ASTM D5185m >20	1	---	---

VISUAL

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



OIL ANALYSIS REPORT



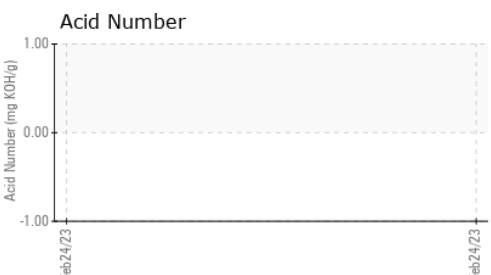
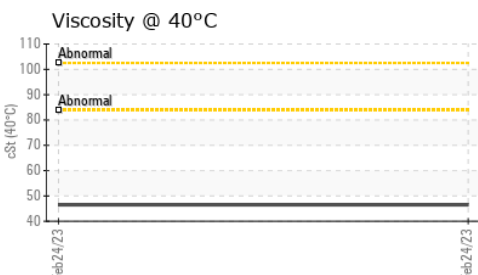
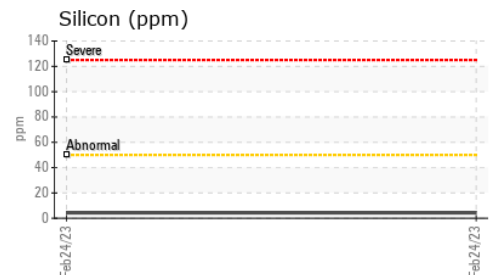
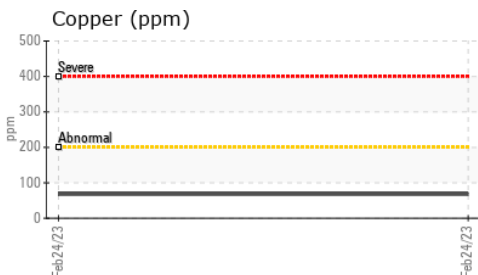
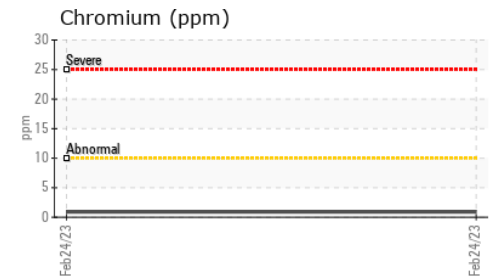
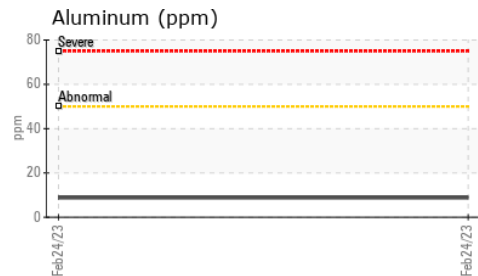
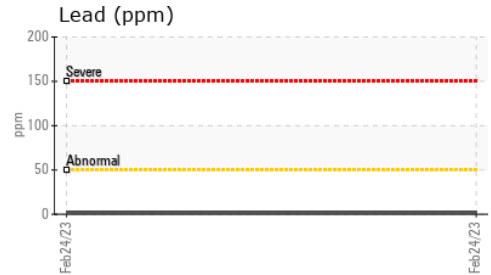
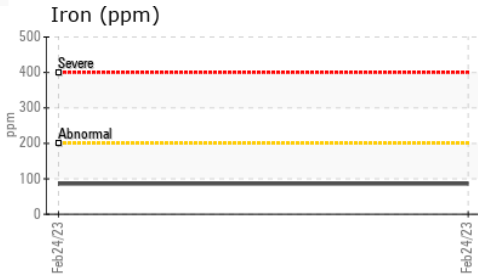
FLUID PROPERTIES

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46.5	---	---

SAMPLE IMAGES

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JCB000265 **Received** : 28 Feb 2023
Lab Number : 05779125 **Diagnosed** : 02 Mar 2023
Unique Number : 10358795 **Diagnostician** : Jonathan Hester
Test Package : MOB 2 (Additional Tests: 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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