

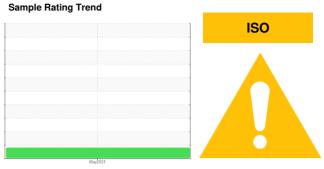
OIL ANALYSIS REPORT

Machine Id

JCB 270 3183855

Component **Hydraulic System**

AW HYDRAULIC OIL IS



DIAGNOSIS

Recommendation

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

SO 46 (GAL)				May2024		
30 10 (GAL)						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		JCB005841		
Sample Date		Client Info		10 May 2024		
Machine Age	hrs	Client Info		515		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>20	2		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>10	0		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>75	4		
Γin	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	5	0		
Barium	ppm	ASTM D5185m	5	<1		
Molybdenum	ppm	ASTM D5185m	5	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	25	47		
Calcium	ppm	ASTM D5185m	200	19		
Phosphorus	ppm	ASTM D5185m	300	308		
Zinc	ppm	ASTM D5185m	370	370		
Sulfur	ppm	ASTM D5185m	2500	851		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	2		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	▲ 10702		
Particles >6µm		ASTM D7647	>1300	243		
Particles >14μm		ASTM D7647	>160	18		
Particles >21μm		ASTM D7647	>40	5		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u> </u>		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2

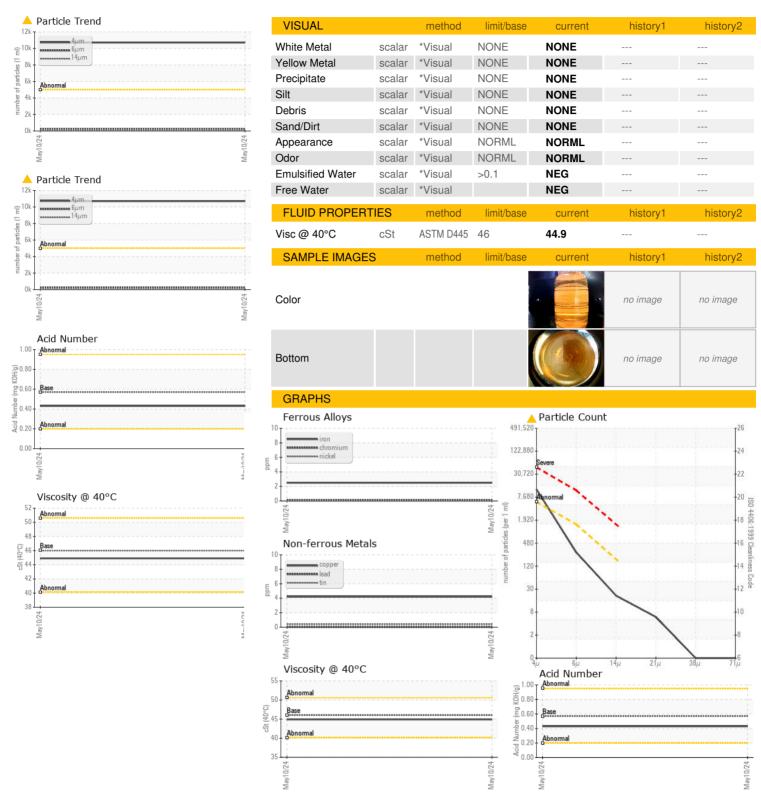
Acid Number (AN)

mg KOH/g ASTM D8045 0.57

Contact/Location: SANDRO MUNIZ - MACLEH



OIL ANALYSIS REPORT







Certificate 12367

Sample No.

: JCB005841 Lab Number : 06178655 Unique Number: 11029981 Test Package : MOB 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 14 May 2024 **Tested** : 15 May 2024

Diagnosed : 15 May 2024 - Wes Davis

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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BRIGGS JCB - LEHIGH ACRES

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Contact: SANDRO MUNIZ

LEHIGH ACRES, FL

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