



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
ASV RT25 ASVRT025CRD807812
 Component
Diesel Engine
 Fluid
ASV 10W30 HD (3 GAL)



DIAGNOSIS

Recommendation
 Resample at the next service interval to monitor.

Wear
 All component wear rates are normal.

Contamination
 Test for glycol is negative. There is no indication of any contamination in the oil.

Fluid Condition
 The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		JCB005073	---	---
Sample Date	Client Info		19 Mar 2024	---	---
Machine Age	hrs	Client Info	6	---	---
Oil Age	hrs	Client Info	6	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Fuel	WC Method	>5	<1.0	---	---
Water	WC Method	>0.2	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >100	12	---	---
Chromium	ppm	ASTM D5185m >20	<1	---	---
Nickel	ppm	ASTM D5185m >4	0	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m >3	0	---	---
Aluminum	ppm	ASTM D5185m >20	3	---	---
Lead	ppm	ASTM D5185m >40	0	---	---
Copper	ppm	ASTM D5185m >330	13	---	---
Tin	ppm	ASTM D5185m >15	2	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	7	---	---
Barium	ppm	ASTM D5185m	<1	---	---
Molybdenum	ppm	ASTM D5185m	58	---	---
Manganese	ppm	ASTM D5185m	3	---	---
Magnesium	ppm	ASTM D5185m	884	---	---
Calcium	ppm	ASTM D5185m	1101	---	---
Phosphorus	ppm	ASTM D5185m	1047	---	---
Zinc	ppm	ASTM D5185m	1206	---	---
Sulfur	ppm	ASTM D5185m	3097	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	5	---	---
Sodium	ppm	ASTM D5185m	3	---	---
Potassium	ppm	ASTM D5185m >20	0	---	---
Glycol	%	*ASTM D2982	0.0	---	---

INFRA-RED

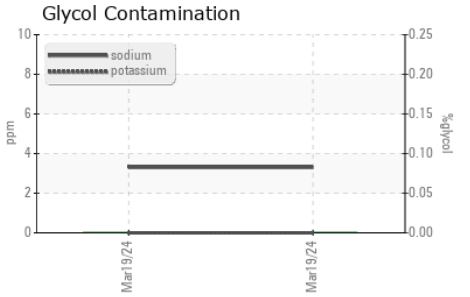
	method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844 >3	0	---	---
Nitration	Abs/cm	*ASTM D7624 >20	4.7	---	---
Sulfation	Abs/.1mm	*ASTM D7415 >30	18.6	---	---

FLUID DEGRADATION

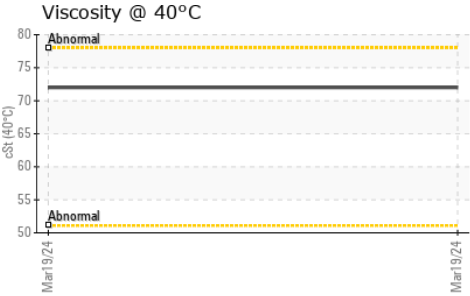
	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414 >25	12.9	---	---
Base Number (BN)	mg KOH/g	ASTM D2896	7.7	---	---



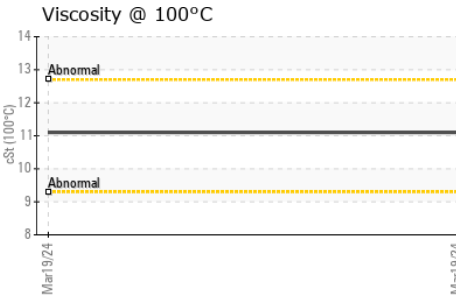
OIL ANALYSIS REPORT



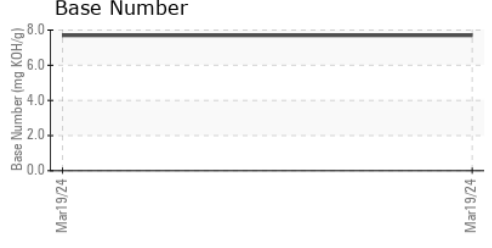
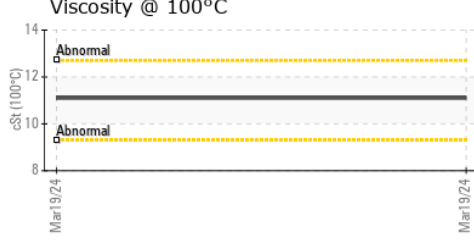
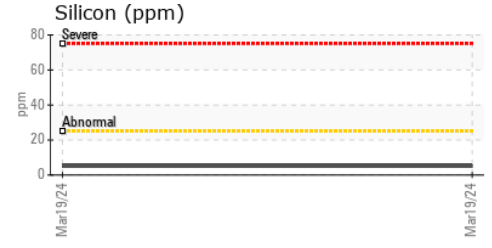
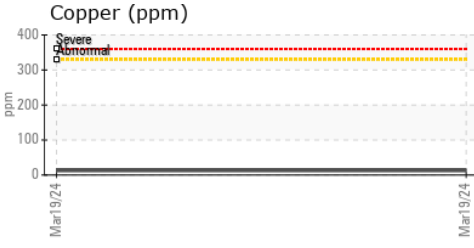
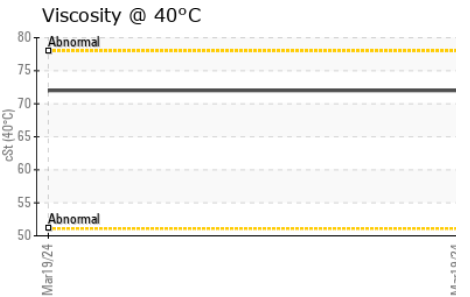
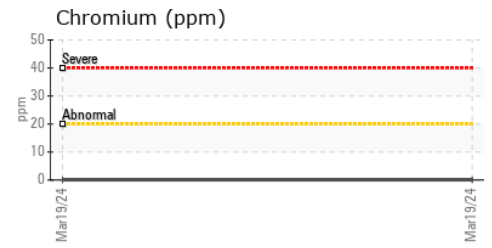
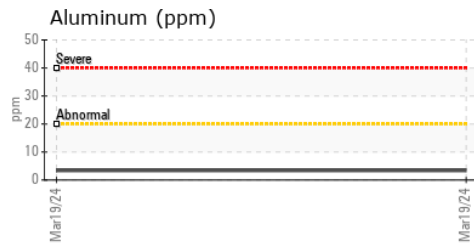
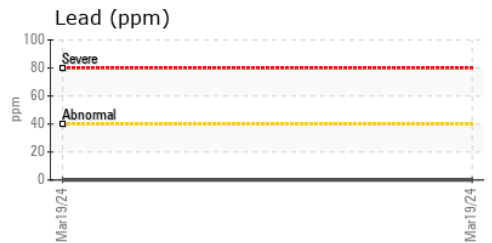
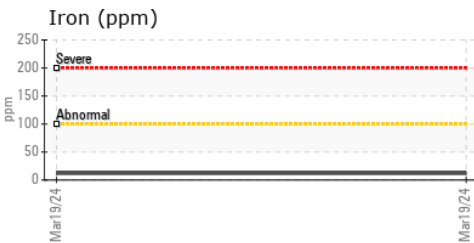
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	72.0	---	---
Visc @ 100°C	cSt	ASTM D445	11.1	---	---
Viscosity Index (VI)	Scale	ASTM D2270	145	---	---



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JCB005073 **Received** : 21 Mar 2024
Lab Number : 06125564 **Tested** : 27 Mar 2024
Unique Number : 10939715 **Diagnosed** : 27 Mar 2024 - Jonathan Hester
Test Package : MOB 1 (Additional Tests: GLYCOL, KV40, TBN, VI)

BRIGGS JCB - JACKSONVILLE
 2525 PHILLIPS HWY
 JACKSONVILLE, FL
 US 32207
 Contact: KYLE TAYLOR
 kyle.taylor@briggssequipment.com

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)

T:
 F: (904)678-1993