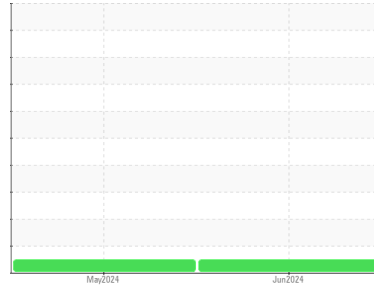




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
[W02008461]
 Machine Id
VOLVO EC350E 314605
 Component
Right Travel
 Fluid
GEAR OIL SAE 80W90 (2 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: W02008461)

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		ML0002483	ML0001082	---
Sample Date	Client Info		21 Jun 2024	07 May 2024	---
Machine Age	hrs	Client Info	1052	500	---
Oil Age	hrs	Client Info	552	500	---
Oil Changed	Client Info		Changed	Changed	---
Sample Status			NORMAL	NORMAL	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.25	NEG	NEG	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >1200	130	309	---
Chromium	ppm	ASTM D5185m >20	4	8	---
Nickel	ppm	ASTM D5185m >5	<1	<1	---
Titanium	ppm	ASTM D5185m	<1	2	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >100	8	10	---
Lead	ppm	ASTM D5185m >50	0	0	---
Copper	ppm	ASTM D5185m >50	<1	<1	---
Tin	ppm	ASTM D5185m >5	0	0	---
Vanadium	ppm	ASTM D5185m	0	<1	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 400	118	0	---
Barium	ppm	ASTM D5185m 200	0	2	---
Molybdenum	ppm	ASTM D5185m 12	4	<1	---
Manganese	ppm	ASTM D5185m	2	5	---
Magnesium	ppm	ASTM D5185m 12	32	3	---
Calcium	ppm	ASTM D5185m 150	75	12	---
Phosphorus	ppm	ASTM D5185m 1650	922	352	---
Zinc	ppm	ASTM D5185m 125	64	8	---
Sulfur	ppm	ASTM D5185m 22500	31773	16930	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >100	31	51	---
Sodium	ppm	ASTM D5185m >170	2	3	---
Potassium	ppm	ASTM D5185m >20	2	3	---

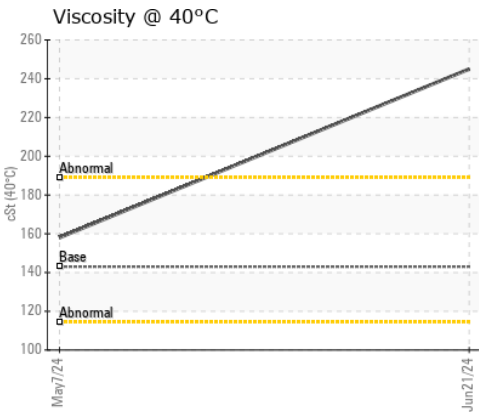
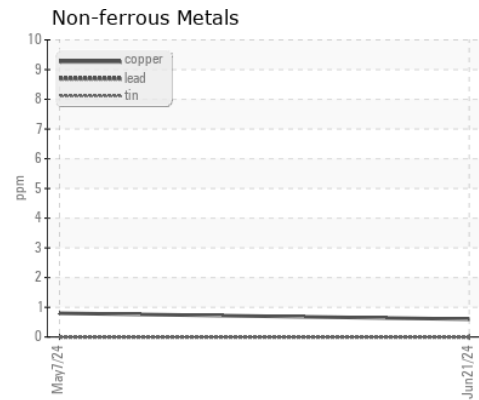
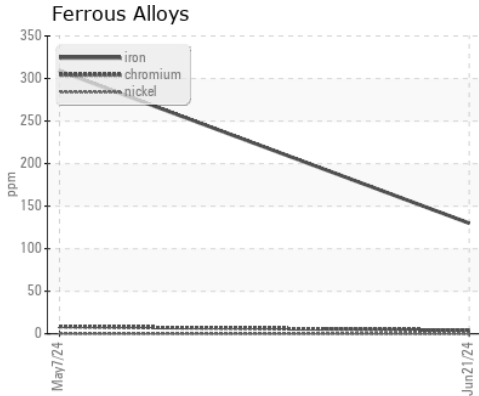
VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	MODER	NONE	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	MODER	---
Debris	scalar	*Visual NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	---
Appearance	scalar	*Visual NORML	NORML	NORML	---
Odor	scalar	*Visual NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual >0.25	NEG	NEG	---
Free Water	scalar	*Visual	NEG	NEG	---

OIL ANALYSIS REPORT

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. : ML0002483
Lab Number : 06218954
Unique Number : 11097151
Test Package : CONST

Received : 24 Jun 2024
Tested : 25 Jun 2024
Diagnosed : 26 Jun 2024 - Sean Felton

MCCLUNG-LOGAN EQUIPMENT CO - MANASSAS
 8450 QUARRY ROAD
 MANASSAS, VA
 US 20110

Contact: MIKE MAYHUGH
 MMYAHUGH@MCCLUNG-LOGAN.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)

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