



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area

[621739]

Machine Id

VOLVO EC750 310137

Component

Right Swing Drive

Fluid

VOLVO PREMIUM GEAR OIL 85W-140 GL-5 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP434756	VCP365888	VCP338791
Sample Date		Client Info		30 Nov 2023	12 Sep 2022	01 Mar 2022
Machine Age	hrs	Client Info		6059	5083	4065
Oil Age	hrs	Client Info		1000	1000	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Not Changed	Not Changed	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>1200	11	156	<1
Chromium	ppm	ASTM D5185m	>10	<1	2	0
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	1	0
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>50	<1	4	0
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

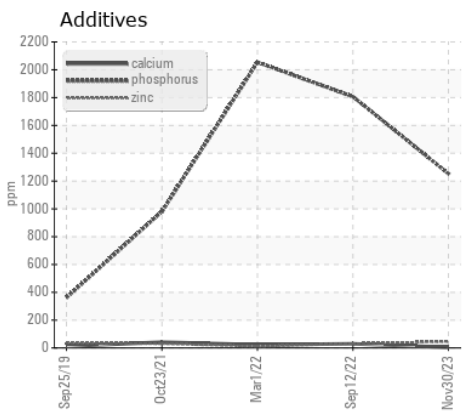
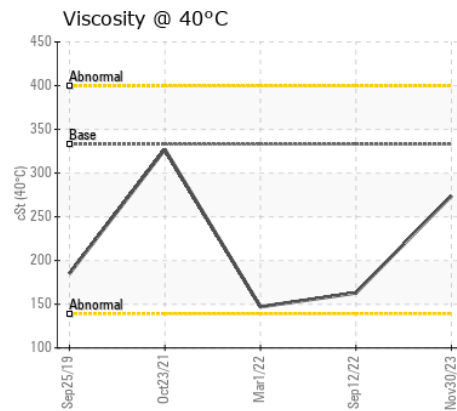
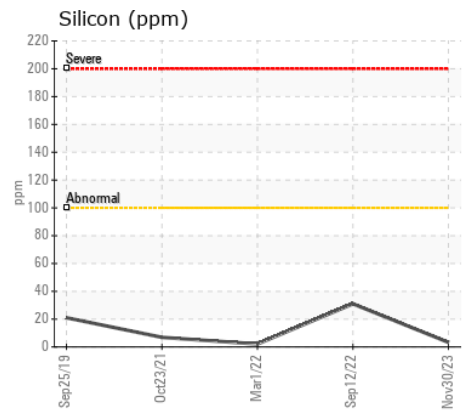
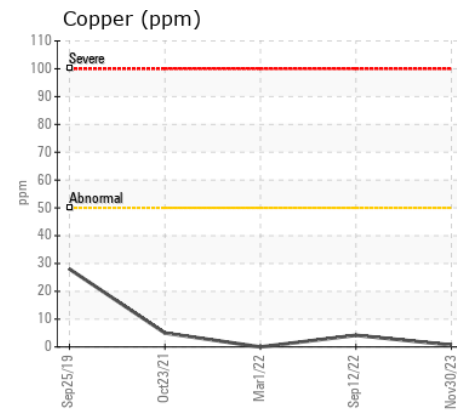
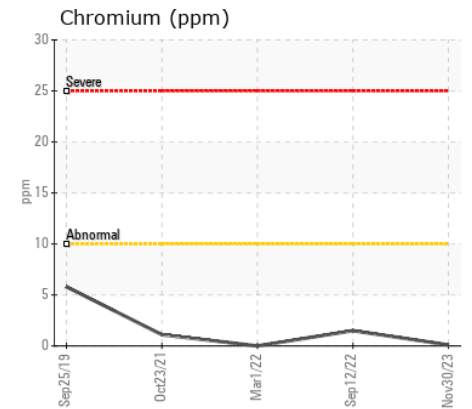
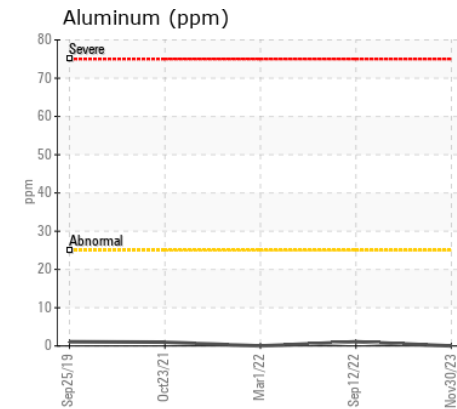
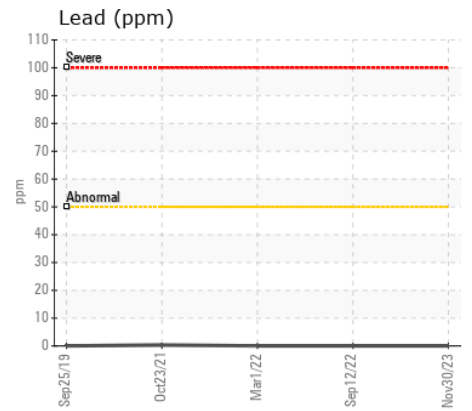
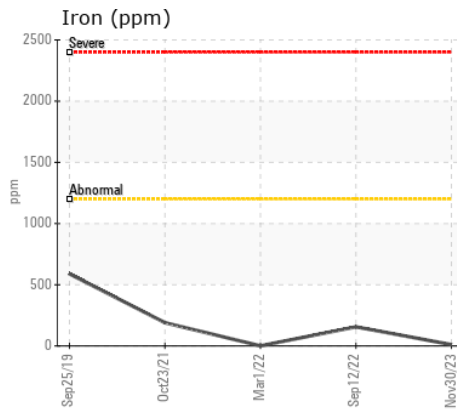
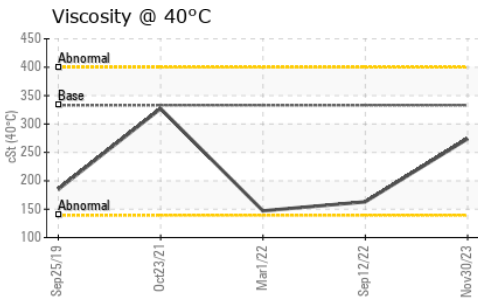
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>100	3	31	2
Potassium	ppm	ASTM D5185m	>20	0	0	0
Water		WC Method	>0.25	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	VLITE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.25	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		0	0	0
Boron	ppm	ASTM D5185m	111	130	146	119
Barium	ppm	ASTM D5185m	0.0	0	0	0
Molybdenum	ppm	ASTM D5185m	0.9	0	0	0
Manganese	ppm	ASTM D5185m	0.0	<1	2	0
Magnesium	ppm	ASTM D5185m	39	0	<1	0
Calcium	ppm	ASTM D5185m	93	5	30	23
Phosphorus	ppm	ASTM D5185m	920	1253	1807	2054
Zinc	ppm	ASTM D5185m	104	46	31	10
Sulfur	ppm	ASTM D5185m	20179	25557	25056	16722
Visc @ 40°C	cSt	ASTM D445	333	274	163	147



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP434756
Lab Number : 06029754
Unique Number : 10779545
Test Package : MOB 1
Received : 08 Dec 2023
Tested : 11 Dec 2023
Diagnosed : 12 Dec 2023 - Don Baldrige

BLAZE CONSTRUCTION
 5640 ST JEAN ST
 DETROIT, MI
 US 48213
 Contact: DAVE WARD
 dward@blazecontracting.net
 T: (248)632-2317
 F:

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)