



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[BABCOCK RANCH]
Machine Id
VOLVO A45G 352808
Component
Bogie/Center Axle
Fluid
VOLVO PREMIUM GEAR OIL 85W-140 GL-5 (--- GAL)

RECOMMENDATION

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP436720	VCP439052	---
Sample Date		Client Info		19 Apr 2024	17 Feb 2024	---
Machine Age	hrs	Client Info		4322	4096	---
Oil Age	hrs	Client Info		322	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changed	Changed	---
Filter Changed		Client Info		Not Changed	Changed	---
Sample Status				NORMAL	ABNORMAL	---

WEAR

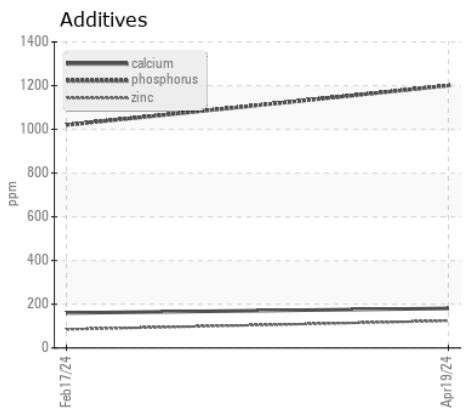
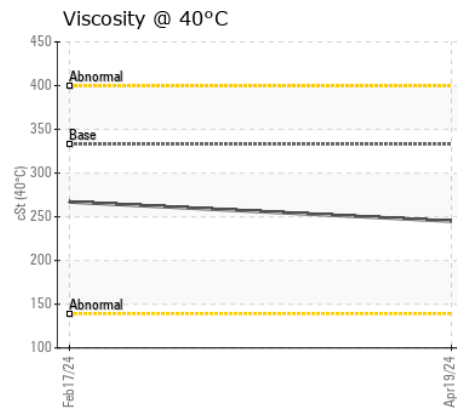
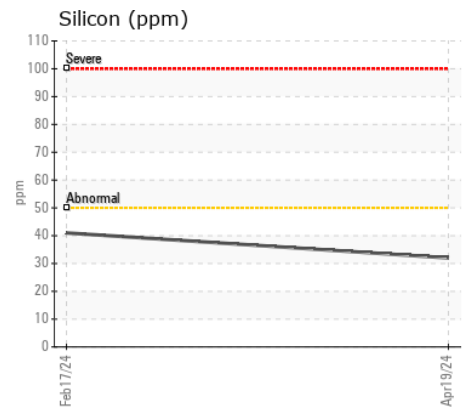
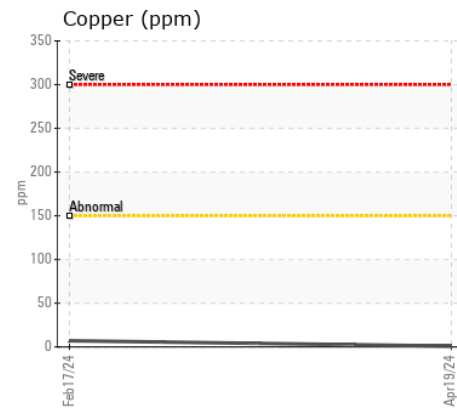
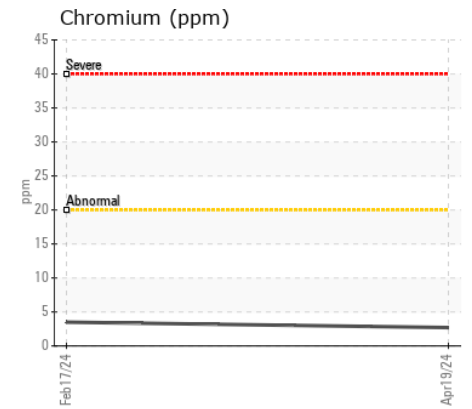
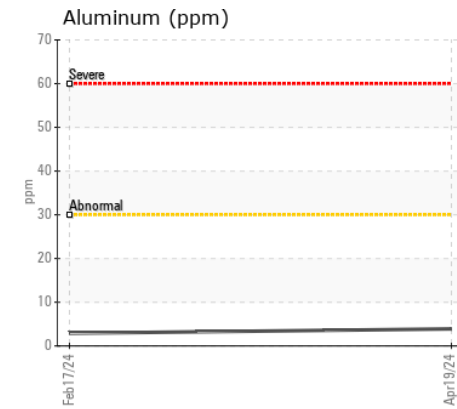
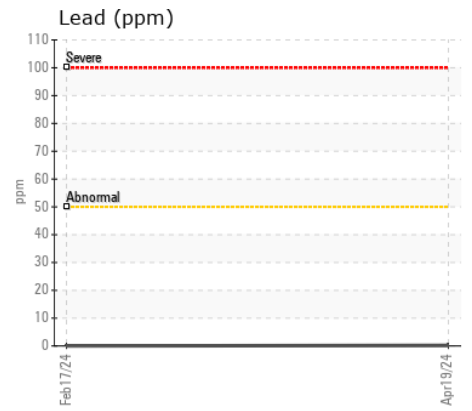
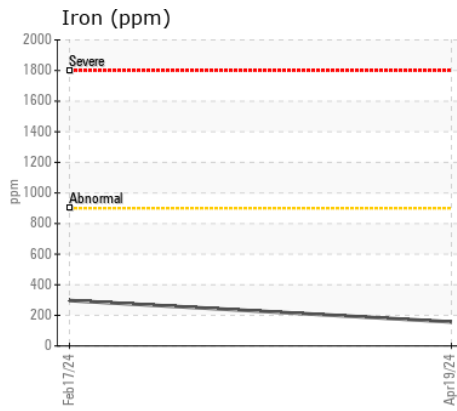
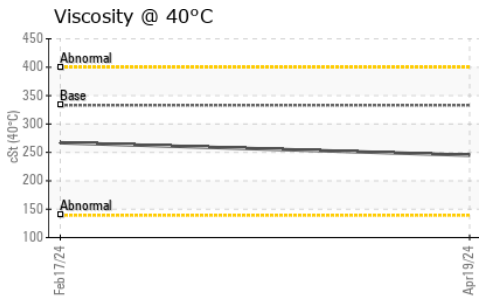
Iron	ppm	ASTM D5185m	>900	157	297	---
Chromium	ppm	ASTM D5185m	>20	3	4	---
Nickel	ppm	ASTM D5185m	>10	1	<1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>30	4	3	---
Lead	ppm	ASTM D5185m	>50	<1	0	---
Copper	ppm	ASTM D5185m	>150	1	7	---
Tin	ppm	ASTM D5185m	>20	<1	<1	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

Silicon	ppm	ASTM D5185m	>50	32	41	---
Potassium	ppm	ASTM D5185m	>20	1	0	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	▲ HEAVY	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---

FLUID CONDITION

Sodium	ppm	ASTM D5185m		1	<1	---
Boron	ppm	ASTM D5185m	111	209	181	---
Barium	ppm	ASTM D5185m	0.0	0	0	---
Molybdenum	ppm	ASTM D5185m	0.9	10	6	---
Manganese	ppm	ASTM D5185m	0.0	3	4	---
Magnesium	ppm	ASTM D5185m	39	60	18	---
Calcium	ppm	ASTM D5185m	93	181	160	---
Phosphorus	ppm	ASTM D5185m	920	1200	1020	---
Zinc	ppm	ASTM D5185m	104	124	85	---
Sulfur	ppm	ASTM D5185m	20179	31213	24924	---
Visc @ 40°C	cSt	ASTM D445	333	245	267	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP436720
Lab Number : 06158064
Unique Number : 10993487
Test Package : MOB 1

Received : 23 Apr 2024
Tested : 24 Apr 2024
Diagnosed : 25 Apr 2024 - Don Baldrige

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.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: (239)481-3302