



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[TUCKER PAVING]
 Machine Id
VOLVO A25G 740257
 Component
Front Axle
 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		VCP438573	VCP428737	VCP390711
Sample Date		Client Info		08 Jul 2024	08 Jan 2024	30 Nov 2022
Machine Age	hrs	Client Info		10131	9175	8249
Oil Age	hrs	Client Info		0	1000	4000
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Chngd	Not Chngd	Changed
Filter Changed		Client Info		Not Chngd	Not Chngd	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>900	353	183	▲ 1505
Chromium	ppm	ASTM D5185m	>20	2	2	18
Nickel	ppm	ASTM D5185m	>10	1	1	▲ 14
Titanium	ppm	ASTM D5185m		<1	<1	2
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>30	3	4	18
Lead	ppm	ASTM D5185m	>50	0	0	8
Copper	ppm	ASTM D5185m	>150	39	46	▲ 369
Tin	ppm	ASTM D5185m	>20	2	2	▲ 16
Vanadium	ppm	ASTM D5185m		<1	0	<1
White Metal	scalar	*Visual	NONE	MODER	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	MODER

CONTAMINATION

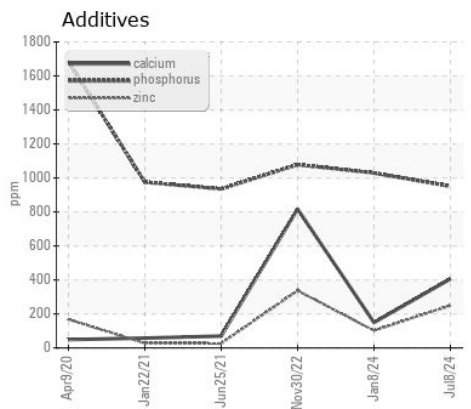
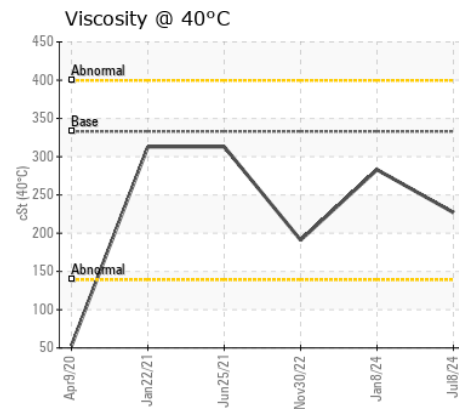
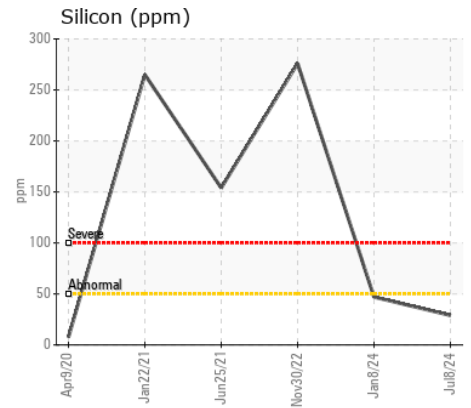
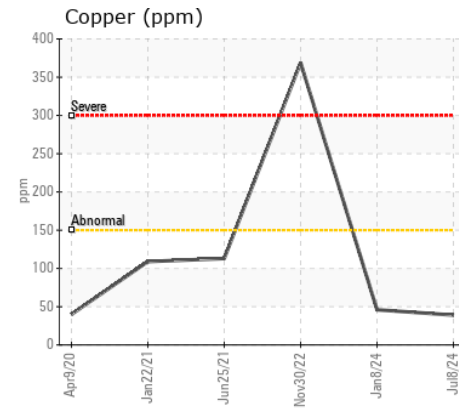
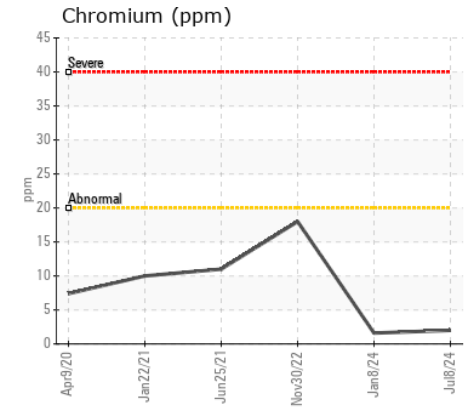
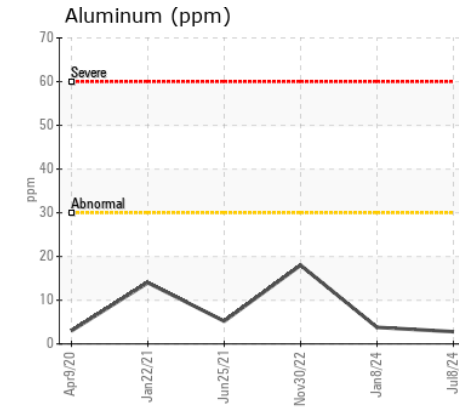
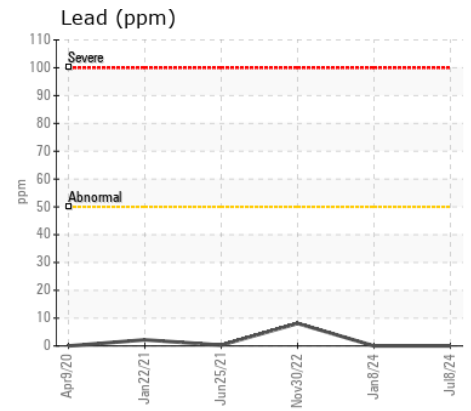
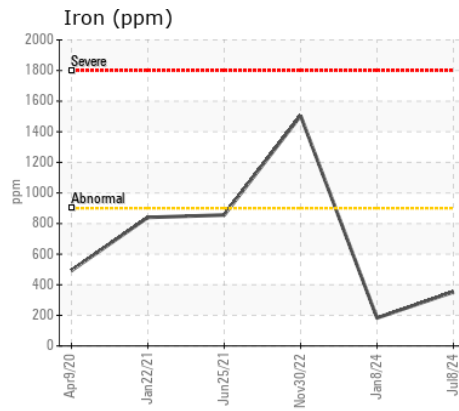
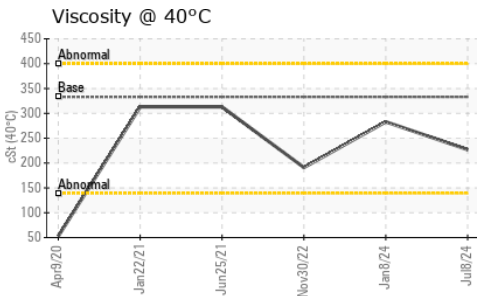
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	29	47	▲ 276
Potassium	ppm	ASTM D5185m	>20	2	2	1
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	MODER	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
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	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		0	0	2
Boron	ppm	ASTM D5185m	111	152	137	154
Barium	ppm	ASTM D5185m	0.0	<1	10	0
Molybdenum	ppm	ASTM D5185m	0.9	16	14	5
Manganese	ppm	ASTM D5185m	0.0	2	1	12
Magnesium	ppm	ASTM D5185m	39	67	44	15
Calcium	ppm	ASTM D5185m	93	406	149	817
Phosphorus	ppm	ASTM D5185m	920	951	1029	1078
Zinc	ppm	ASTM D5185m	104	249	102	337
Sulfur	ppm	ASTM D5185m	20179	20546	28204	23820
Visc @ 40°C	cSt	ASTM D445	333	227	283	191



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP438573
Lab Number : 06235237
Unique Number : 11124071
Test Package : MOB 1

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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)