



CONSTRUCTION EQUIPMENT

VOLVO A45G 352371 - DROP BOX



Sample No: VCP437414

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP437414	VCP349910	---	---
Sample Date	10 Jul 2024	03 Feb 2022	---	---
Machine Hours	5560	2372	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	50.3	47.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	48	60	---	---
Sodium	ppm	6	3	---	---
Potassium	ppm	4	3	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	466	199	---	---
Copper	ppm	17	12	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	4	---	---
Chromium	ppm	4	2	---	---
Molybdenum	ppm	9	6	---	---
Nickel	ppm	3	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	8	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	96	31	---	---
Magnesium	ppm	5	<1	---	---
Zinc	ppm	201	108	---	---
Phosphorus	ppm	2088	2258	---	---
Barium	ppm	0	0	---	---
Boron	ppm	99	137	---	---

Depot: VOLVO0090
Unique No: 11125334
Signed: Sean Felton
Report Date: 17 Jul 2024

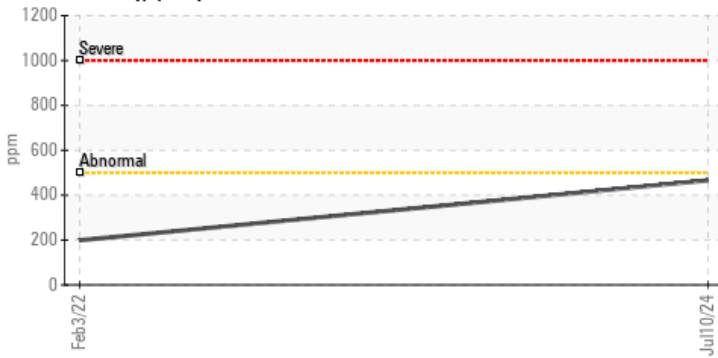


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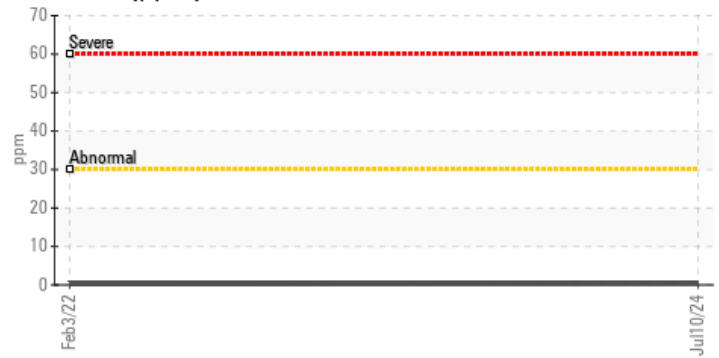


GRAPHS

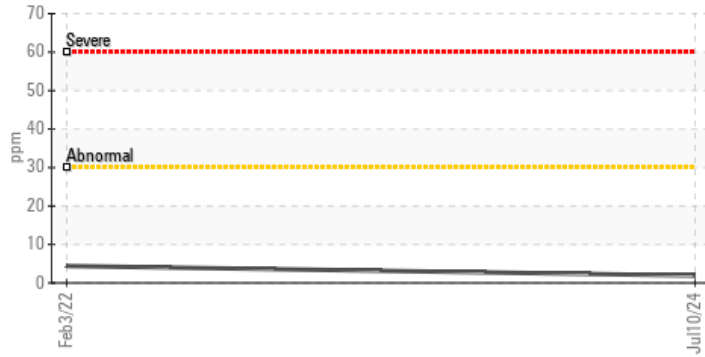
Iron (ppm)



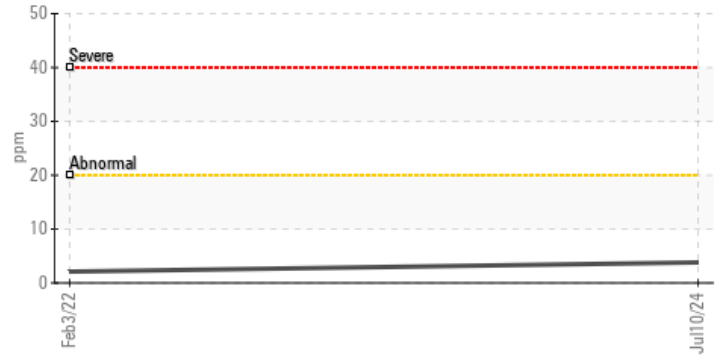
Lead (ppm)



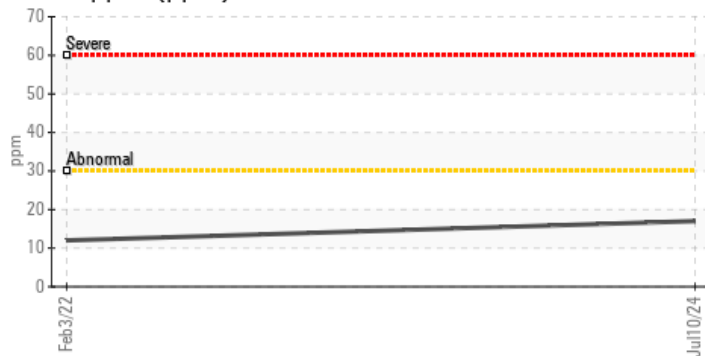
Aluminum (ppm)



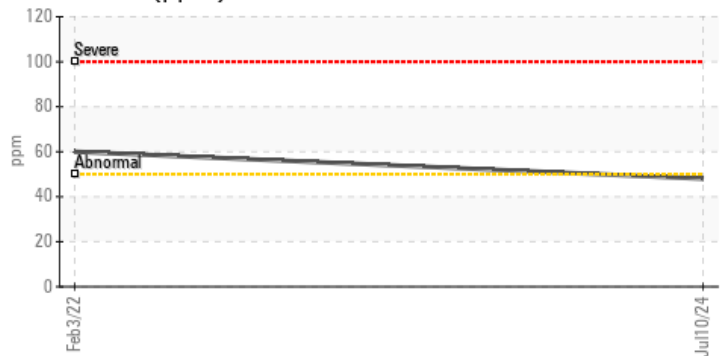
Chromium (ppm)



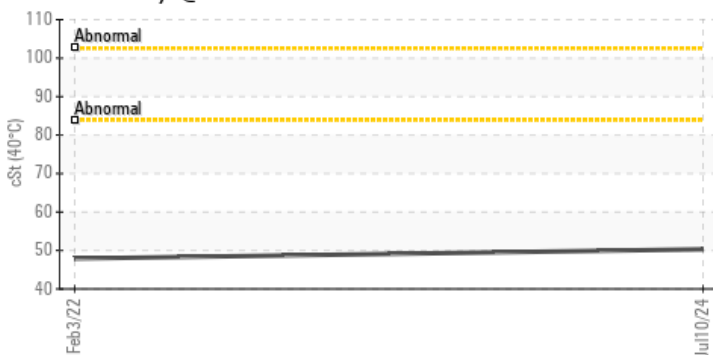
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

