



CONSTRUCTION EQUIPMENT

VOLVO A40G 352909 - DROP BOX



Sample No: VCP454359
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP454359	VCP438333	---	---
Sample Date	02 Jul 2024	01 Mar 2024	---	---
Machine Hours	1326	4219	---	---
Oil Hours	0	4219	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	48.5	47.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	26	23	---	---
Sodium	ppm	12	6	---	---
Potassium	ppm	2	6	---	---



WEAR METALS

Iron	ppm	116	486	---	---
Copper	ppm	14	29	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	<1	4	---	---
Molybdenum	ppm	6	12	---	---
Nickel	ppm	<1	3	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	11	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	49	37	---	---
Magnesium	ppm	4	7	---	---
Zinc	ppm	105	151	---	---
Phosphorus	ppm	2508	2153	---	---
Barium	ppm	0	0	---	---
Boron	ppm	69	86	---	---

Diagnosis

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.

Depot: VOLVO0090
Unique No: 11114033
Signed: Wes Davis
Report Date: 10 Jul 2024

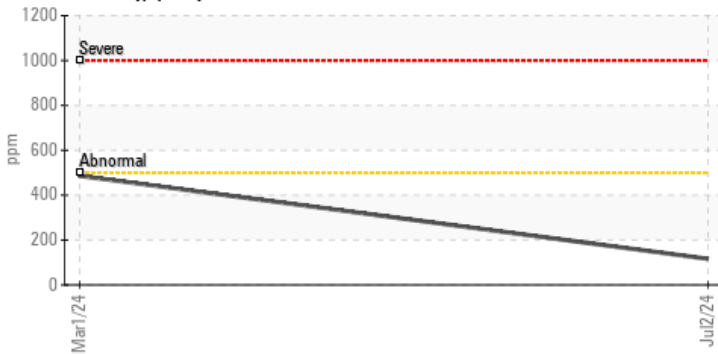


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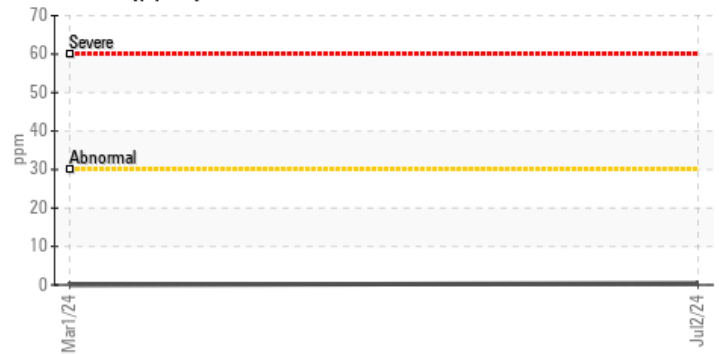


GRAPHS

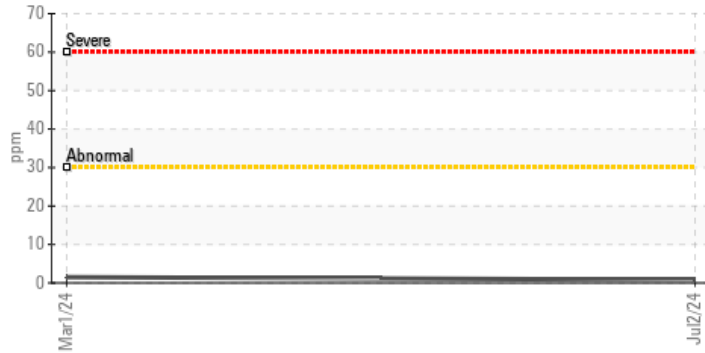
Iron (ppm)



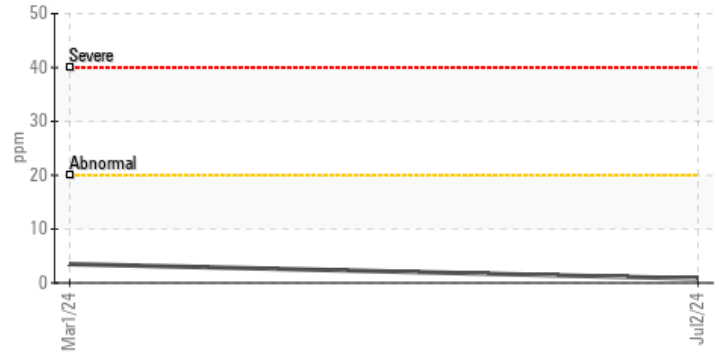
Lead (ppm)



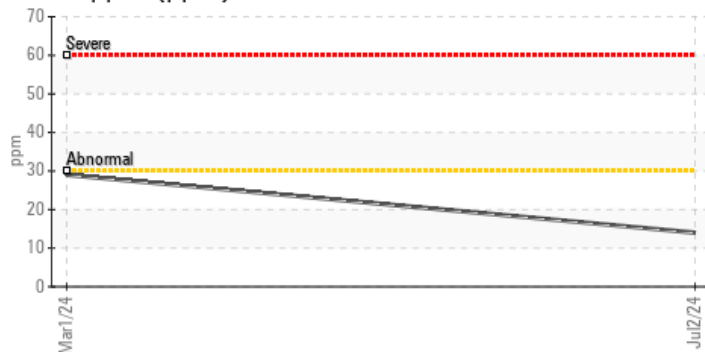
Aluminum (ppm)



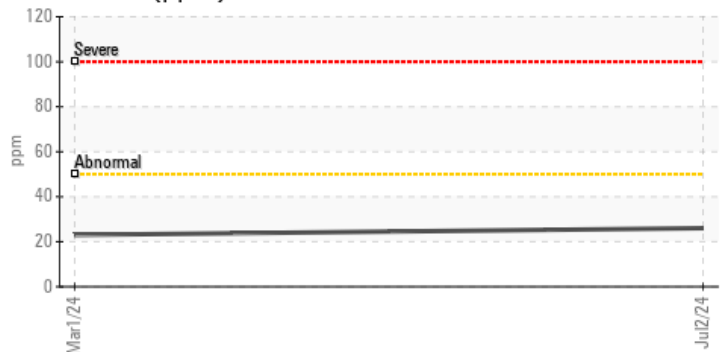
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

