



CONSTRUCTION EQUIPMENT

SW-35664-2 RAMSEY VOLVO A60H 350381 - REAR AXLE



Sample No: VCP454291
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-35664-2 RAMSEY



SAMPLE INFORMATION

Sample Number	VCP454291	---	---	---
Sample Date	06 Jun 2024	---	---	---
Machine Hours	502	---	---	---
Oil Hours	502	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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 US 84119
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 tpayan@arnoldmachinery.com
 T: (801)972-4000
 F: (801)975-9434



OIL CONDITION

Visc @ 40°C	cSt	● 52.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 130	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 354	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 163	---	---	---
Phosphorus	ppm	■ 2275	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 268	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO8770
Unique No: 11086717
Signed: Don Baldrige
Report Date: 20 Jun 2024

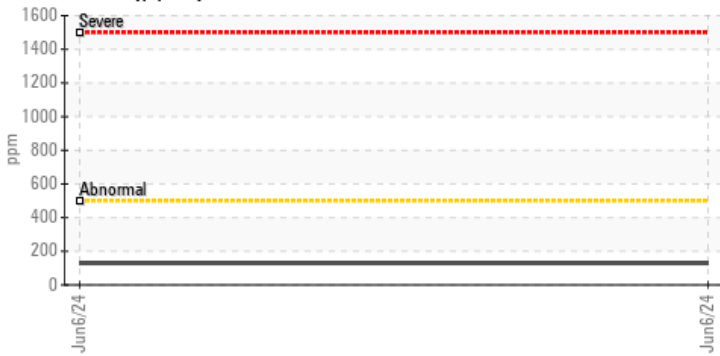


CONSTRUCTION EQUIPMENT



GRAPHS

Iron (ppm)



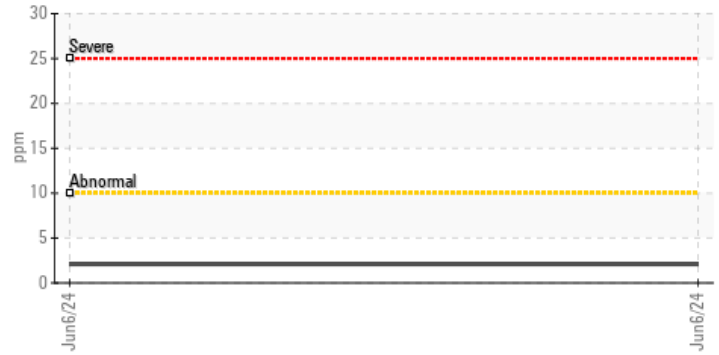
Lead (ppm)



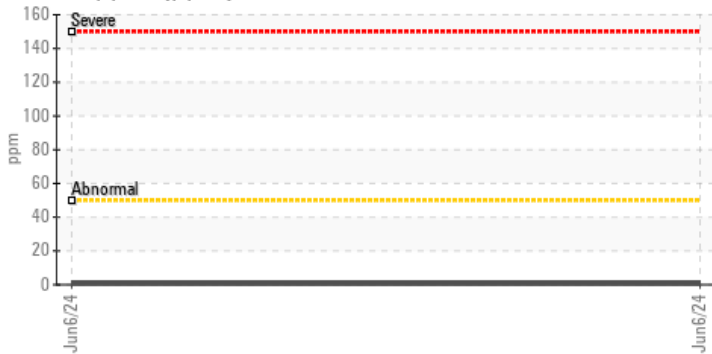
Aluminum (ppm)



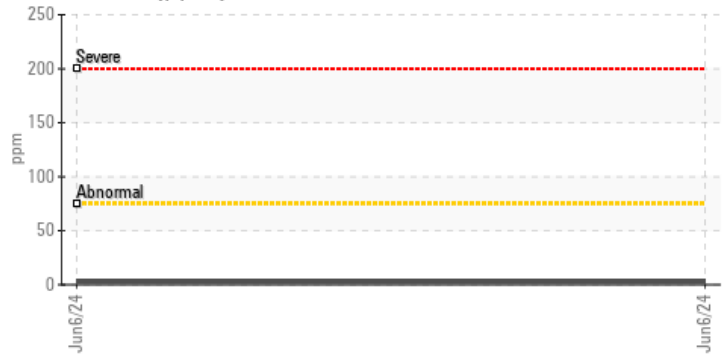
Chromium (ppm)



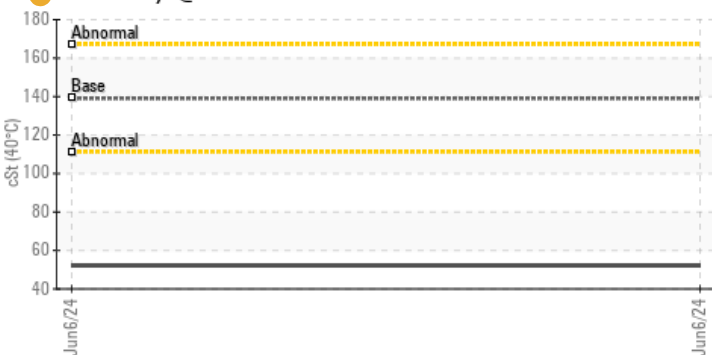
Copper (ppm)



Silicon (ppm)



● Viscosity @ 40°C



Additives

