



CONSTRUCTION EQUIPMENT

VOLVO A45G 352367 - A45G - FRONT AXLE



Sample No: VCP420176
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP420176	VCP348920	---	---
Sample Date	10 Jul 2023	24 Jan 2022	---	---
Machine Hours	4852	2161	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 141	█ 142	---	---
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CONTAMINATION

Silicon	ppm	█ 4	█ 6	---	---
Sodium	ppm	█ 0	█ 0	---	---
Potassium	ppm	█ 2	█ 0	---	---



WEAR METALS

Iron	ppm	█ 109	█ 146	---	---
Copper	ppm	█ 2	█ 2	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 1	█ <1	---	---
Chromium	ppm	█ 2	█ 2	---	---
Molybdenum	ppm	█ 4	3	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 6	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 53	49	---	---
Magnesium	ppm	█ 11	11	---	---
Zinc	ppm	█ 41	24	---	---
Phosphorus	ppm	█ 1089	1040	---	---
Barium	ppm	█ 2	0	---	---
Boron	ppm	█ 189	183	---	---

Diagnosis

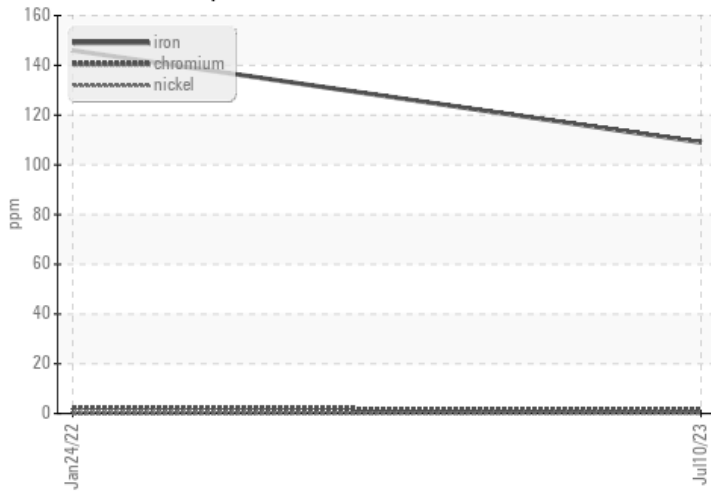
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0090
Unique No: 10551625
Signed: Angela Borella
Report Date: 13 Jul 2023

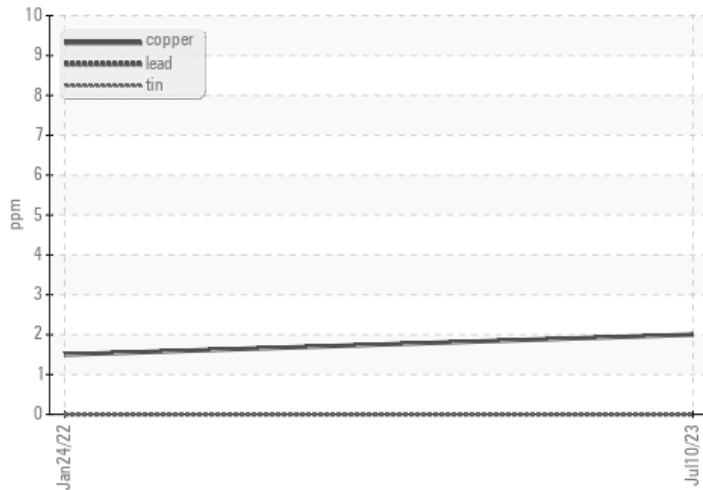


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

