



CONSTRUCTION EQUIPMENT

VOLVO A45G 352367 - A45G - REAR AXLE



Sample No: VCP420595
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP420595	VCP348877	---	---
Sample Date	05 Jul 2023	24 Jan 2022	---	---
Machine Hours	4852	2162	---	---
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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OIL CONDITION

Visc @ 40°C	cSt	138	139	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	154	150	---	---
Copper	ppm	1	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	3	3	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	45	264	---	---
Magnesium	ppm	10	16	---	---
Zinc	ppm	33	105	---	---
Phosphorus	ppm	1090	1119	---	---
Barium	ppm	2	0	---	---
Boron	ppm	207	200	---	---

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: 10551626
Signed: Angela Borella
Report Date: 13 Jul 2023



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GRAPHS

