



CONSTRUCTION EQUIPMENT

337099-10 VOLVO A45GFS 342487 - REAR AXLE



Sample No: VCP414268
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: 337099-10



SAMPLE INFORMATION

Sample Number	VCP414268	VCP358100	VCP357641	---
Sample Date	07 Sep 2023	30 Aug 2022	22 Mar 2022	---
Machine Hours	9611	6561	6140	---
Oil Hours	0	0	0	---
Oil Changed	N/A	N/A	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	141	139	42.4	---
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CONTAMINATION

Silicon	ppm	2	1	13	---
Sodium	ppm	2	0	6	---
Potassium	ppm	2	<1	2	---



WEAR METALS

Iron	ppm	38	13	26	---
Copper	ppm	3	<1	<1	---
Lead	ppm	<1	0	<1	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	0	1	<1	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	3	---
Manganese	ppm	2	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	120	211	4201	---
Magnesium	ppm	4	3	14	---
Zinc	ppm	48	94	1635	---
Phosphorus	ppm	446	1734	1423	---
Barium	ppm	0	0	0	---
Boron	ppm	14	113	155	---

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: VOLVO5055
Unique No: 10645548
Signed: Don Baldrige
Report Date: 15 Sep 2023



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GRAPHS

