



CONSTRUCTION EQUIPMENT

VOLVO A45G 342405 - BOGIE/CENTER AXLE



Sample No: VCP433481
Oil Type: VOLVO API GL-5 SAE 75W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP433481	VCP04678481	---	---
Sample Date	13 Sep 2023	25 Mar 2019	---	---
Machine Hours	0	0	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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 US 61350
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	140	39.67	---	---
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CONTAMINATION

Silicon	ppm	2	9	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	0	2	---	---



WEAR METALS

Iron	ppm	73	18	---	---
Copper	ppm	0	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	105	4571	---	---
Magnesium	ppm	5	7	---	---
Zinc	ppm	40	1863	---	---
Phosphorus	ppm	353	1330	---	---
Barium	ppm	0	0	---	---
Boron	ppm	6	126	---	---

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: VOLVO5055
Unique No: 10647705
Signed: Don Baldrige
Report Date: 19 Sep 2023



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GRAPHS

