



CONSTRUCTION EQUIPMENT

337095-10 VOLVO A45G 342405 - FRONT AXLE



Sample No: VCP433480
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: 337095-10



SAMPLE INFORMATION

Sample Number	VCP433480	VCP04678480	---	---
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	---	---

ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD
 OTTAWA, IL
 US 61350
 Contact: ALEX MARCO
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	142	40.09	---	---
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CONTAMINATION

Silicon	ppm	3	10	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	0	<1	---	---



WEAR METALS

Iron	ppm	95	18	---	---
Copper	ppm	0	0	---	---
Lead	ppm	0	2	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
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	97	4432	---	---
Magnesium	ppm	4	8	---	---
Zinc	ppm	39	1777	---	---
Phosphorus	ppm	349	1267	---	---
Barium	ppm	0	0	---	---
Boron	ppm	6	114	---	---

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: 10647703
Signed: Don Baldrige
Report Date: 19 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

