



CONSTRUCTION EQUIPMENT

332993 CLEAN EARTH VOLVO A30G 742136 - FRONT AXLE



Sample No: VCP424021
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: 332993 CLEAN EARTH



SAMPLE INFORMATION

Sample Number	VCP424021	VCP363205	VCP321747	---
Sample Date	26 Sep 2023	29 Jul 2022	31 Jan 2022	---
Machine Hours	5090	3492	3001	---
Oil Hours	0	3492	3001	---
Oil Changed	N/A	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
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OIL CONDITION

Visc @ 40°C	cSt	54.1	54.5	52.3	---
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CONTAMINATION

Silicon	ppm	7	6	4	---
Sodium	ppm	3	3	2	---
Potassium	ppm	5	1	3	---



WEAR METALS

Iron	ppm	318	135	105	---
Copper	ppm	8	6	6	---
Lead	ppm	<1	0	<1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	2	2	2	---
Chromium	ppm	5	2	1	---
Molybdenum	ppm	2	<1	1	---
Nickel	ppm	2	1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	4	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	64	35	45	---
Magnesium	ppm	4	0	3	---
Zinc	ppm	51	33	26	---
Phosphorus	ppm	2159	2121	2358	---
Barium	ppm	2	0	0	---
Boron	ppm	309	318	271	---

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: VOLVO0142
Unique No: 10670350
Signed: Don Baldrige
Report Date: 01 Oct 2023



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GRAPHS

