



CONSTRUCTION EQUIPMENT

SW0067072 VOLVO A25G 742272 - FRONT AXLE



Sample No: VCP415133
Oil Type: COWIN 80W90
Job No: SW0067072



SAMPLE INFORMATION

Sample Number	VCP415133	VCP421006	VCP369856	---
Sample Date	27 Oct 2023	09 Jun 2023	10 Feb 2023	---
Machine Hours	6239	5780	5326	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	168	245	249	---
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CONTAMINATION

Silicon	ppm	3	2	15	---
Sodium	ppm	2	<1	8	---
Potassium	ppm	<1	0	1	---

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.



WEAR METALS

Iron	ppm	34	93	23	---
Copper	ppm	2	3	2	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	0	0	---
Chromium	ppm	<1	2	<1	---
Molybdenum	ppm	4	5	<1	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	2	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	87	170	3786	---
Magnesium	ppm	35	37	21	---
Zinc	ppm	54	108	1465	---
Phosphorus	ppm	961	1043	1220	---
Barium	ppm	0	0	0	---
Boron	ppm	163	156	236	---

Depot: SAIBIR
Unique No: 10723050
Signed: Don Baldrige
Report Date: 01 Nov 2023



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GRAPHS

