



CONSTRUCTION EQUIPMENT

VOLVO A25G 742272 - DROP BOX



Sample No: VCP408623
Oil Type: COWIN 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP408623	VCP421004	VCP369850	---
Sample Date	27 Oct 2023	09 Jun 2023	10 Feb 2023	---
Machine Hours	6239	5780	5326	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	168	247	248	---
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CONTAMINATION

Silicon	ppm	4	2	3	---
Sodium	ppm	2	<1	<1	---
Potassium	ppm	<1	0	0	---

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	44	91	122	---
Copper	ppm	2	4	6	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	0	<1	---
Chromium	ppm	<1	1	2	---
Molybdenum	ppm	4	5	8	---
Nickel	ppm	<1	<1	1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	78	190	197	---
Magnesium	ppm	36	37	42	---
Zinc	ppm	50	113	123	---
Phosphorus	ppm	955	1019	951	---
Barium	ppm	0	0	0	---
Boron	ppm	167	152	174	---

Depot: SAIBIR
Unique No: 10723047
Signed: Don Baldrige
Report Date: 01 Nov 2023



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GRAPHS

