



CONSTRUCTION EQUIPMENT

VOLVO A25G 742123 - REAR AXLE



Sample No: VCP415654
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP415654	VCP415507	VCP148030	---
Sample Date	05 Jul 2023	22 Jun 2023	10 May 2019	---
Machine Hours	0	5812	581	---
Oil Hours	0	0	0	---
Oil Changed	N/A	N/A	Changed	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

215 - ASCENDUM MACHINERY INC - CAYCE
 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
 Contact: ROBBY HERLONG
 robby.herlong@ascendummachinery.com
 T: (803)394-6783
 F: (803)791-9920



OIL CONDITION

Visc @ 40°C	cSt	101	101	62.2	---
-------------	-----	------------	-----	------	-----



CONTAMINATION

Silicon	ppm	33	34	1	---
Sodium	ppm	3	2	3	---
Potassium	ppm	<1	4	<1	---

Diagnosis

We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. High concentration of visible metal present. 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	128	139	121	---
Copper	ppm	66	62	11	---
Lead	ppm	0	0	0	---
Tin	ppm	2	3	<1	---
Aluminum	ppm	4	3	<1	---
Chromium	ppm	2	2	3	---
Molybdenum	ppm	<1	<1	3	---
Nickel	ppm	2	2	1	---
Titanium	ppm	1	1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	3	11	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	237	274	36	---
Magnesium	ppm	5	3	0	---
Zinc	ppm	154	167	6	---
Phosphorus	ppm	1281	1408	1274	---
Barium	ppm	0	0	0	---
Boron	ppm	319	313	177	---

Depot: VOLVO0013
Unique No: 10548930
Signed: Don Baldrige
Report Date: 11 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

