



CONSTRUCTION EQUIPMENT

A10890 VOLVO A35G 352057 - REAR AXLE



Sample No: VCP411931
Oil Type: MOBIL GO 102
Job No: A10890



SAMPLE INFORMATION

Sample Number	VCP411931	VCP386467	VCB0000097	---
Sample Date	14 Aug 2023	06 Oct 2022	04 Mar 2022	---
Machine Hours	2020	1195	470	---
Oil Hours	1020	1195	470	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

JAMES J ANDERSON
 6958 TORRESDALE AVENUE
 PHILADELPHIA, PA
 US 19135
 Contact: JOHN HERBUT
 herb@jjaconstruction.com
 T: (215)850-9051
 F: (215)427-0208



OIL CONDITION

Visc @ 40°C	cSt	50.7	52.7	49.0	---
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CONTAMINATION

Silicon	ppm	2	3	4	---
Sodium	ppm	<1	4	5	---
Potassium	ppm	0	4	1	---



WEAR METALS

Iron	ppm	48	93	136	---
Copper	ppm	<1	1	1	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	<1	1	2	---
Molybdenum	ppm	0	2	3	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	3	13	17	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	8	14	17	---
Magnesium	ppm	1	<1	0	---
Zinc	ppm	3	10	6	---
Phosphorus	ppm	2278	2273	2482	---
Barium	ppm	0	0	0	---
Boron	ppm	266	260	265	---

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: JAAPHI
Unique No: 10618265
Signed: Sean Felton
Report Date: 25 Aug 2023



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GRAPHS

