



CONSTRUCTION EQUIPMENT

19012 VOLVO A35G 342092 - FRONT AXLE



Sample No: VCP371211
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: 19012



SAMPLE INFORMATION

Sample Number	VCP371211	VCP357174	VCP285225	---
Sample Date	23 Jan 2023	10 Jun 2022	17 Jul 2020	---
Machine Hours	7058	6606	3750	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
 8594 FRUITRIDGE ROAD
 SACRAMENTO, CA
 US 95826
 Contact: RAY KRANZUSCH
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	137	137	134	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	6	3	---
Sodium	ppm	0	0	0	---
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	57	54	100	---
Copper	ppm	<1	8	<1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	1	0	---
Chromium	ppm	<1	<1	2	---
Molybdenum	ppm	<1	<1	1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	1	0	---
Manganese	ppm	3	2	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	19	167	10	---
Magnesium	ppm	<1	0	<1	---
Zinc	ppm	11	69	6	---
Phosphorus	ppm	1000	1143	999	---
Barium	ppm	0	0	0	---
Boron	ppm	197	237	177	---

Depot: VOLVO4485
Unique No: 10320334
Signed: Wes Davis
Report Date: 02 Feb 2023



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GRAPHS

