



CONSTRUCTION EQUIPMENT

REPUBLIC SERVICES VOLVO A30G 340120 - DROP BOX



Sample No: VCP411954
Oil Type: NOT GIVEN
Job No: REPUBLIC SERVICES



SAMPLE INFORMATION

Sample Number	VCP411954	VCP305814	---	---
Sample Date	07 Nov 2023	05 Nov 2021	---	---
Machine Hours	0	5593	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

COWIN EQUIPMENT COMPANY INC - GUNTERSVILLE
 15101 ALABAMA HWY 20
 MADISON, AL
 US 35756
 Contact: JOHN MONROE
 jmonroe@cowin.com
 T:
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OIL CONDITION

Visc @ 40°C	cSt	239	271	---	---
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CONTAMINATION

Silicon	ppm	28	13	---	---
Sodium	ppm	1	7	---	---
Potassium	ppm	3	10	---	---



WEAR METALS

Iron	ppm	254	47	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	5	3	---	---
Chromium	ppm	3	<1	---	---
Molybdenum	ppm	1	11	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	<1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	2346	152	---	---
Magnesium	ppm	16	37	---	---
Zinc	ppm	859	119	---	---
Phosphorus	ppm	1030	934	---	---
Barium	ppm	0	0	---	---
Boron	ppm	64	152	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The wear metal levels do not reflect a possible failure. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: COWMAD
Unique No: 10742447
Signed: Don Baldridge
Report Date: 18 Nov 2023



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GRAPHS

