



# CONSTRUCTION EQUIPMENT

SW0071894 VOLVO A30G 753219 - DROP BOX



**Sample No:** VCP434677  
**Oil Type:** COWIN 80W90  
**Job No:** SW0071894



## SAMPLE INFORMATION

Sample Number	<b>VCP434677</b>	VCP427193	VCP423671	---
Sample Date	<b>09 May 2024</b>	23 Jan 2024	12 Jun 2023	---
Machine Hours	<b>2028</b>	1500	500	---
Oil Hours	<b>0</b>	1500	500	---
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	---
Sample Status	<b>ATTENTION</b>	ABNORMAL	ABNORMAL	---

**SANTA ROSA COUNTY LANDFILLS**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>47.9</b>	45.9	50.1	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>38</b>	13	21	---
Sodium	ppm	<b>7</b>	3	7	---
Potassium	ppm	<b>1</b>	2	3	---



## WEAR METALS

Iron	ppm	<b>234</b>	9	41	---
Copper	ppm	<b>6</b>	▲ 96	2	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>&lt;1</b>	<1	<1	---
Aluminum	ppm	<b>14</b>	<1	2	---
Chromium	ppm	<b>3</b>	<1	<1	---
Molybdenum	ppm	<b>7</b>	0	5	---
Nickel	ppm	<b>&lt;1</b>	0	<1	---
Titanium	ppm	<b>&lt;1</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>6</b>	1	1	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>35</b>	3218	49	---
Magnesium	ppm	<b>0</b>	10	2	---
Zinc	ppm	<b>70</b>	1344	48	---
Phosphorus	ppm	<b>2333</b>	1207	2407	---
Barium	ppm	<b>0</b>	3	0	---
Boron	ppm	<b>101</b>	103	212	---

## Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. 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 oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** SANMILFL  
**Unique No:** 11023575  
**Signed:** Don Baldrige  
**Report Date:** 15 May 2024



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## GRAPHS

