



# CONSTRUCTION EQUIPMENT

W07013956-1 VOLVO A35G 340181 - DROP BOX



**Sample No:** VCP447974  
**Oil Type:** GEAR OIL SAE 75W80  
**Job No:** W07013956-1



## SAMPLE INFORMATION

Sample Number	<b>VCP447974</b>	VCP425032	VCP372939	VC226328
Sample Date	<b>11 Dec 2023</b>	10 Jul 2023	14 Apr 2023	30 Aug 2018
Machine Hours	<b>11136</b>	10225	9829	3938
Oil Hours	<b>0</b>	500	500	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	ABNORMAL

**MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>55.0</b>	49.4	49.6	50.05
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>7</b>	5	17	36
Sodium	ppm	<b>2</b>	3	2	5
Potassium	ppm	<b>0</b>	2	2	13

## 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	<b>35</b>	32	25	136
Copper	ppm	<b>&lt;1</b>	<1	0	4
Lead	ppm	<b>0</b>	<1	0	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>1</b>	2	7	26
Chromium	ppm	<b>0</b>	<1	<1	2
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	4
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	4
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>10</b>	37	10	33
Magnesium	ppm	<b>&lt;1</b>	0	9	39
Zinc	ppm	<b>20</b>	40	8	96
Phosphorus	ppm	<b>2205</b>	2670	2602	2331
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>209</b>	294	310	120

**Depot:** VOLVO8882  
**Unique No:** 10791583  
**Signed:** Wes Davis  
**Report Date:** 18 Dec 2023



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## GRAPHS

