



# CONSTRUCTION EQUIPMENT

A10936 VOLVO A30G 742440 - DROP BOX



**Sample No:** VCP416704  
**Oil Type:** MOBIL GO 102  
**Job No:** A10936



## SAMPLE INFORMATION

Sample Number	<b>VCP416704</b>	VCP362177	VCP261250	---
Sample Date	<b>25 Aug 2023</b>	05 Mar 2022	30 Oct 2020	---
Machine Hours	<b>3180</b>	1990	1040	---
Oil Hours	<b>3180</b>	1000	1040	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	ATTENTION	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>60.4</b>	254	59.0	---
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## CONTAMINATION

Silicon	ppm	<b>3</b>	12	15	---
Sodium	ppm	<b>2</b>	2	9	---
Potassium	ppm	<b>2</b>	0	5	---



## WEAR METALS

Iron	ppm	<b>10</b>	54	24	---
Copper	ppm	<b>&lt;1</b>	1	<1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	<1	0	---
Aluminum	ppm	<b>&lt;1</b>	4	8	---
Chromium	ppm	<b>0</b>	1	<1	---
Molybdenum	ppm	<b>&lt;1</b>	5	6	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	<1	1	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>24</b>	38	76	---
Magnesium	ppm	<b>0</b>	2	<1	---
Zinc	ppm	<b>4</b>	11	36	---
Phosphorus	ppm	<b>2106</b>	1090	1360	---
Barium	ppm	<b>0</b>	0	<1	---
Boron	ppm	<b>271</b>	179	185	---

## 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:** KCCIVY  
**Unique No:** 10648974  
**Signed:** Sean Felton  
**Report Date:** 19 Sep 2023



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## GRAPHS

