



# CONSTRUCTION EQUIPMENT

## VOLVO A30G 752302 - DROP BOX



**Sample No:** VCP443019  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP443019	VCP432313	VCP414726	VCP420257
Sample Date	12 Jun 2024	23 Oct 2023	01 Sep 2023	13 Apr 2023
Machine Hours	5450	4260	4098	3244
Oil Hours	0	4260	4098	3244
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	ATTENTION	ATTENTION	ABNORMAL

**RIPA AND ASSOCIATES**  
 10149 FISHER AVENUE  
 TAMPA, FL  
 US 33619  
 Contact: PM Services  
 PMServices@ripaconstruction.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	370	45.8	55.2	46.3
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	23	38	26
Sodium	ppm	0	5	6	5
Potassium	ppm	1	1	2	2



### WEAR METALS

Iron	ppm	2	88	69	70
Copper	ppm	<1	<1	2	2
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	21	12	17
Chromium	ppm	<1	<1	1	1
Molybdenum	ppm	<1	5	5	6
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	2	3	2
Vanadium	ppm	<1	0	0	0



### ADDITIVES

Calcium	ppm	0	2158	42	1955
Magnesium	ppm	<1	1	<1	6
Zinc	ppm	4	879	44	802
Phosphorus	ppm	1035	1765	1441	1646
Barium	ppm	<1	0	2	0
Boron	ppm	191	185	146	204

### 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:** RIPTAM  
**Unique No:** 11085022  
**Signed:** Don Baldrige  
**Report Date:** 19 Jun 2024



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## GRAPHS

