



# CONSTRUCTION EQUIPMENT

## 2806 VOLVO A40G 352025 - FRONT AXLE



**Sample No:** VCP312608  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** 2806



### SAMPLE INFORMATION

Sample Number	VCP312608	VCP341882	VCP402324	VCP398293
Sample Date	11 Dec 2023	03 Oct 2023	13 Jul 2023	27 Apr 2023
Machine Hours	10033	9594	9075	8626
Oil Hours	958	519	1127	678
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	138	139	137	138



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	9	2	2
Sodium	ppm	0	0	<1	2
Potassium	ppm	0	3	<1	0

### 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	415	1482	9	7
Copper	ppm	0	6	1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	1	0	0
Chromium	ppm	5	17	<1	0
Molybdenum	ppm	<1	4	2	1
Nickel	ppm	3	13	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	5	24	<1	<1
Vanadium	ppm	0	0	<1	0



### ADDITIVES

Calcium	ppm	155	146	163	142
Magnesium	ppm	11	12	15	17
Zinc	ppm	73	51	71	56
Phosphorus	ppm	924	709	911	985
Barium	ppm	0	0	0	0
Boron	ppm	154	40	181	164

**Depot:** SCHGRE  
**Unique No:** 10807028  
**Signed:** Wes Davis  
**Report Date:** 28 Dec 2023



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## VOLVO GRAPHS

