



# CONSTRUCTION EQUIPMENT

## 2806 VOLVO A40G 352025 - BOGIE/CENTER AXLE



**Sample No:** VCP312841  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** 2806



### SAMPLE INFORMATION

Sample Number	VCP312841	VCP341885	VCP402601	VCP384907
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	NORMAL	NORMAL	ABNORMAL

**SCHILDBERG CONSTRUCTION COMPANY**  
 PO BOX 358  
 GREENFIELD, IA  
 US 50849  
 Contact: SCOTT ARMSTRONG  
 sarmstrong@schildberg.com  
 T: (641)743-8237  
 F: (641)743-2486



### OIL CONDITION

Visc @ 40°C	cSt	137	137	137	138



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	1	4
Sodium	ppm	0	0	<1	2
Potassium	ppm	0	1	<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	8	7	10	8
Copper	ppm	0	0	<1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	1	0	0
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	0	2	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	<1	0



### ADDITIVES

Calcium	ppm	231	234	137	140
Magnesium	ppm	14	14	16	16
Zinc	ppm	99	95	60	56
Phosphorus	ppm	970	987	923	966
Barium	ppm	0	0	0	0
Boron	ppm	159	192	187	162

**Depot:** SCHGRE  
**Unique No:** 10807031  
**Signed:** Wes Davis  
**Report Date:** 28 Dec 2023



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## GRAPHS

