



CONSTRUCTION EQUIPMENT

VOLVO A40G 340668 - REAR AXLE



Sample No: VCP450866
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP450866	VCP416757	VCP419853	---
Sample Date	09 Jul 2024	08 Feb 2024	01 Aug 2023	---
Machine Hours	17948	17181	16113	---
Oil Hours	767	1068	1081	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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	128	135	138	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

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

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	5	16	16	---
Copper	ppm	2	<1	0	---
Lead	ppm	0	1	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	4	<1	0	---
Chromium	ppm	<1	0	0	---
Molybdenum	ppm	3	1	1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	255	290	138	---
Magnesium	ppm	16	9	13	---
Zinc	ppm	108	119	60	---
Phosphorus	ppm	1005	964	998	---
Barium	ppm	0	0	0	---
Boron	ppm	199	158	214	---

Depot: SCHGRE
Unique No: 11129477
Signed: Wes Davis
Report Date: 19 Jul 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

