



CONSTRUCTION EQUIPMENT

VOLVO A40G 342658 - REAR AXLE



Sample No: VCP331548
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP331548	VCP404646	VCP401036	VCP379394
Sample Date	06 Nov 2023	24 Aug 2023	18 May 2023	16 Jan 2023
Machine Hours	9682	9142	8626	8074
Oil Hours	1056	516	1115	563
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	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	135	138	138	139
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	3	34	2
Sodium	ppm	1	<1	0	0
Potassium	ppm	0	0	2	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	6	8	67	8
Copper	ppm	<1	0	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	4	0
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	1	<1	1	1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	236	192	141	136
Magnesium	ppm	13	17	12	10
Zinc	ppm	117	73	64	57
Phosphorus	ppm	999	930	1003	926
Barium	ppm	0	0	0	0
Boron	ppm	173	206	189	185

Depot: SCHGRE
Unique No: 10755959
Signed: Wes Davis
Report Date: 27 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

