



CONSTRUCTION EQUIPMENT

VOLVO A40G 342608 - REAR AXLE



Sample No: VCP331552
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP331552	VCP405687	VCP395614	VCP379409
Sample Date	06 Nov 2023	21 Aug 2023	27 Apr 2023	17 Jan 2023
Machine Hours	10895	10330	9546	8851
Oil Hours	1117	552	695	1246
Oil Changed	Changed	Not Changd	Not Changd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	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	138	138	139	135
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	4	4
Sodium	ppm	<1	0	2	<1
Potassium	ppm	<1	<1	0	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	87	49	47	77
Copper	ppm	0	0	1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	2	2	2	5
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	2	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	138	145	138	150
Magnesium	ppm	11	16	17	4
Zinc	ppm	69	57	55	68
Phosphorus	ppm	981	1008	964	920
Barium	ppm	0	0	0	0
Boron	ppm	174	225	164	171

Depot: SCHGRE
Unique No: 10755961
Signed: Wes Davis
Report Date: 27 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

