



CONSTRUCTION EQUIPMENT

VOLVO A40G 342608 - REAR AXLE



Sample No: VCP416817
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP416817	VCP331552	VCP405687	VCP395614
Sample Date	13 Feb 2024	06 Nov 2023	21 Aug 2023	27 Apr 2023
Machine Hours	11353	10895	10330	9546
Oil Hours	458	1117	552	695
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
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	138	138	139
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	2	4
Sodium	ppm	<1	<1	0	2
Potassium	ppm	1	<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	27	87	49	47
Copper	ppm	<1	0	0	1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	0	0	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	2	2	2
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	201	138	145	138
Magnesium	ppm	12	11	16	17
Zinc	ppm	85	69	57	55
Phosphorus	ppm	949	981	1008	964
Barium	ppm	0	0	0	0
Boron	ppm	174	174	225	164

Depot: SCHGRE
Unique No: 10898651
Signed: Wes Davis
Report Date: 27 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

