



CONSTRUCTION EQUIPMENT

VOLVO A40G 342253 - BOGIE/CENTER AXLE



Sample No: VCP442552
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP442552	VCP396799	VCP402351	VCP406693
Sample Date	06 Dec 2023	25 Sep 2023	19 Jul 2023	02 May 2023
Machine Hours	10949	10423	9967	9484
Oil Hours	982	456	964	481
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	136	132	132
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	3	3	2
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	20	7	8	5
Copper	ppm	<1	<1	<1	1
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	2	2	<1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	6	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	283	283	424	420
Magnesium	ppm	0	11	8	8
Zinc	ppm	93	126	152	139
Phosphorus	ppm	976	1032	956	991
Barium	ppm	0	2	0	0
Boron	ppm	193	167	170	151

Depot: SCHGRE
Unique No: 10780759
Signed: Wes Davis
Report Date: 12 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

