



CONSTRUCTION EQUIPMENT

VOLVO A40G 341476 - FRONT AXLE



Sample No: VCP378447
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP378447	VCP400077	VCP373801	VCP337157
Sample Date	12 Sep 2023	20 Jun 2023	09 Jan 2023	16 Sep 2022
Machine Hours	16932	16355	25295	14679
Oil Hours	577	1060	616	1190
Oil Changed	Not Chngd	Changed	Changed	Changed
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	137	137	137	136
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	4	<1	2	1
Sodium	ppm	<1	<1	0	0
Potassium	ppm	<1	0	<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	7	5	8	6
Copper	ppm	0	0	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	2	1	1	1
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	243	173	160	199
Magnesium	ppm	22	12	11	9
Zinc	ppm	118	66	73	89
Phosphorus	ppm	1213	947	1028	938
Barium	ppm	0	0	1	0
Boron	ppm	246	201	203	152

Depot: SCHGRE
Unique No: 10672293
Signed: Don Baldrige
Report Date: 02 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

