



CONSTRUCTION EQUIPMENT

VOLVO A40G 341476 - BOGIE/CENTER AXLE



Sample No: VCP312521
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP312521	VCP378445	VCP400075	VCP359605
Sample Date	04 Dec 2023	12 Sep 2023	20 Jun 2023	09 Jan 2023
Machine Hours	17394	16932	16355	15295
Oil Hours	1039	577	1060	616
Oil Changed	Changed	Not Chngd	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	139	138	138	138
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	3
Sodium	ppm	0	0	0	0
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	7	4	8	16
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	0	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	2	2	1	1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	216	198	161	147
Magnesium	ppm	18	17	12	12
Zinc	ppm	82	93	63	68
Phosphorus	ppm	1065	1027	1006	1033
Barium	ppm	0	0	0	1
Boron	ppm	192	201	213	205

Depot: SCHGRE
Unique No: 10789050
Signed: Don Baldrige
Report Date: 17 Dec 2023



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VOLVO GRAPHS

