



CONSTRUCTION EQUIPMENT

VOLVO A40G 342610 - BOGIE/CENTER AXLE



Sample No: VCP406104
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP406104	VCP401914	VCP362740	VCP359641
Sample Date	24 Aug 2023	30 May 2023	06 Mar 2023	08 Nov 2022
Machine Hours	10233	9672	9074	8436
Oil Hours	1159	598	1085	447
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	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	138	144	136	142
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CONTAMINATION

Silicon	ppm	4	2	2	1
Sodium	ppm	0	<1	1	0
Potassium	ppm	<1	<1	0	<1



WEAR METALS

Iron	ppm	12	7	13	7
Copper	ppm	0	0	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	1	1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	139	144	163	150
Magnesium	ppm	13	14	8	8
Zinc	ppm	49	61	69	65
Phosphorus	ppm	1020	1015	1038	971
Barium	ppm	0	0	0	0
Boron	ppm	226	207	195	170

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.

Depot: SCHGRE
Unique No: 10634506
Signed: Wes Davis
Report Date: 07 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

