



CONSTRUCTION EQUIPMENT

VOLVO A40G 341476 - BOGIE/CENTER AXLE



Sample No: VCP400075
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP400075	VCP359605	VCP342170	VCP343277
Sample Date	20 Jun 2023	09 Jan 2023	16 Sep 2022	25 Mar 2022
Machine Hours	16355	15295	14679	13489
Oil Hours	1060	616	1190	999
Oil Changed	Changed	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	138	138	136	135
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CONTAMINATION

Silicon	ppm	2	3	11	11
Sodium	ppm	0	0	0	0
Potassium	ppm	0	<1	0	0



WEAR METALS

Iron	ppm	8	16	28	22
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	<1	2	3
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	1	1	1	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	<1	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	161	147	212	207
Magnesium	ppm	12	12	9	19
Zinc	ppm	63	68	93	100
Phosphorus	ppm	1006	1033	973	988
Barium	ppm	0	1	0	0
Boron	ppm	213	205	157	182

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: 10546413
Signed: Don Baldrige
Report Date: 07 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

