



CONSTRUCTION EQUIPMENT

VOLVO A40G 352349 - BOGIE/CENTER AXLE



Sample No: VCP406458
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP406458	VCP406063	VCP390577	VCP373681
Sample Date	29 Aug 2023	22 Mar 2023	13 Feb 2023	21 Sep 2022
Machine Hours	5785	4695	4463	3727
Oil Hours	1090	968	736	1063
Oil Changed	Changed	Changed	Not Changd	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	130	132	132	127
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CONTAMINATION

Silicon	ppm	2	1	4	3
Sodium	ppm	0	<1	<1	0
Potassium	ppm	0	0	0	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	13	37	49	29
Copper	ppm	0	<1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	394	307	330	332
Magnesium	ppm	8	6	10	8
Zinc	ppm	133	115	115	121
Phosphorus	ppm	1017	967	908	1002
Barium	ppm	0	0	0	0
Boron	ppm	197	174	172	153

Depot: SCHGRE
Unique No: 10634514
Signed: Wes Davis
Report Date: 07 Sep 2023



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VOLVO GRAPHS

