



CONSTRUCTION EQUIPMENT

VOLVO A40G 352349 - BOGIE/CENTER AXLE



Sample No: VCP395124
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP395124	VCP406458	VCP406063	VCP390577
Sample Date	30 Oct 2023	29 Aug 2023	22 Mar 2023	13 Feb 2023
Machine Hours	6234	5785	4695	4463
Oil Hours	449	1090	968	736
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	130	130	132	132
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CONTAMINATION

Silicon	ppm	7	2	1	4
Sodium	ppm	<1	0	<1	<1
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	18	13	37	49
Copper	ppm	<1	0	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	0	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	377	394	307	330
Magnesium	ppm	0	8	6	10
Zinc	ppm	143	133	115	115
Phosphorus	ppm	982	1017	967	908
Barium	ppm	0	0	0	0
Boron	ppm	156	197	174	172

Depot: SCHGRE
Unique No: 10736970
Signed: Wes Davis
Report Date: 10 Nov 2023

VOLVO GRAPHS

