



CONSTRUCTION EQUIPMENT

VOLVO A40G 352199 - BOGIE/CENTER AXLE



Sample No: VCP445751
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP445751	VCP396984	VCP404853	VCP390554
Sample Date	29 Nov 2023	25 Sep 2023	19 Jul 2023	13 Feb 2023
Machine Hours	6615	6129	5644	4597
Oil Hours	971	485	1047	1030
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	135	135	132	125
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	2	3
Sodium	ppm	0	0	<1	<1
Potassium	ppm	0	<1	<1	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	17	11	20	95
Copper	ppm	<1	<1	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	0	0	<1	1
Molybdenum	ppm	1	2	<1	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	3
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	275	277	366	474
Magnesium	ppm	0	10	7	14
Zinc	ppm	89	119	129	167
Phosphorus	ppm	963	968	878	938
Barium	ppm	0	1	0	0
Boron	ppm	193	156	156	165

Depot: SCHGRE
Unique No: 10780760
Signed: Wes Davis
Report Date: 12 Dec 2023



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VOLVO GRAPHS

