



CONSTRUCTION EQUIPMENT

VOLVO A40G 342373 - BOGIE/CENTER AXLE



Sample No: VCP402953
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP402953	VCP406061	VCP385079	VCP373708
Sample Date	29 Aug 2023	02 May 2023	13 Feb 2023	31 Oct 2022
Machine Hours	11645	10860	10345	9831
Oil Hours	683	1029	514	972
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	132	132	132	133
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CONTAMINATION

Silicon	ppm	2	2	2	3
Sodium	ppm	0	2	<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	14	23	16	13
Copper	ppm	0	1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	<1	<1	<1	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	381	404	397	428
Magnesium	ppm	9	10	11	10
Zinc	ppm	126	131	133	152
Phosphorus	ppm	930	1001	914	939
Barium	ppm	0	0	0	0
Boron	ppm	178	151	173	181

Depot: SCHGRE
Unique No: 10634493
Signed: Wes Davis
Report Date: 07 Sep 2023



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VOLVO GRAPHS

