



CONSTRUCTION EQUIPMENT

VOLVO A40G 342252 - BOGIE/CENTER AXLE



Sample No: VCP393221
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP393221	VCP436369	VCP401113	VCP392511
Sample Date	11 Mar 2024	06 Feb 2024	30 Oct 2023	29 Aug 2023
Machine Hours	11973	11740	11266	10867
Oil Hours	1106	873	399	907
Oil Changed	Changed	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	129	130	131	130
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	5	4	2
Sodium	ppm	0	0	<1	0
Potassium	ppm	<1	<1	0	<1

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	23	18	10	6
Copper	ppm	<1	<1	0	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	2	<1	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	3	3	2	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	0	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	451	487	440	314
Magnesium	ppm	19	22	11	4
Zinc	ppm	163	171	171	135
Phosphorus	ppm	885	1251	1009	958
Barium	ppm	0	12	0	1
Boron	ppm	152	192	167	142

Depot: SCHGRE
Unique No: 10938210
Signed: Wes Davis
Report Date: 21 Mar 2024



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GRAPHS

