



CONSTRUCTION EQUIPMENT

VOLVO A40G 342374 - BOGIE/CENTER AXLE



Sample No: VCP401120
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP401120	VCP400065	VCP406062	VCP385691
Sample Date	11 Mar 2024	20 Jul 2023	02 May 2023	13 Feb 2023
Machine Hours	11321	10329	9875	9396
Oil Hours	674	933	479	1143
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	135	132	132	128
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	6
Sodium	ppm	0	<1	2	<1
Potassium	ppm	1	<1	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	16	10	5	96
Copper	ppm	<1	1	1	0
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	0	0	4
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	2	<1	<1	3
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	232	413	420	370
Magnesium	ppm	12	7	9	13
Zinc	ppm	98	149	140	137
Phosphorus	ppm	921	932	993	894
Barium	ppm	0	0	0	0
Boron	ppm	158	165	151	171

Depot: SCHGRE
Unique No: 10938206
Signed: Wes Davis
Report Date: 21 Mar 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

