



CONSTRUCTION EQUIPMENT

VOLVO A40G 342608 - BOGIE/CENTER AXLE



Sample No: VCP416948
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP416948	VCP331553	VCP405688	VCP395612
Sample Date	13 Feb 2024	06 Nov 2023	21 Aug 2023	27 Apr 2023
Machine Hours	11353	10895	10330	9546
Oil Hours	458	1117	552	1095
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	137	137	137	138
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	7	4	5
Sodium	ppm	<1	<1	0	1
Potassium	ppm	1	0	<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	25	39	22	13
Copper	ppm	<1	0	0	1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	0	0
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	1	1	<1	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	200	142	139	140
Magnesium	ppm	12	12	15	16
Zinc	ppm	86	70	52	55
Phosphorus	ppm	968	998	933	975
Barium	ppm	0	0	0	0
Boron	ppm	173	174	209	163

Depot: SCHGRE
Unique No: 10898649
Signed: Wes Davis
Report Date: 27 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

