



CONSTRUCTION EQUIPMENT

VOLVO A40G 342658 - BOGIE/CENTER AXLE



Sample No: VCP331547
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP331547	VCP404645	VCP402411	VCP379393
Sample Date	06 Nov 2023	24 Aug 2023	18 May 2023	16 Jan 2023
Machine Hours	9682	9142	8626	8074
Oil Hours	1056	516	1115	563
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	138	138	137	139
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	3	1
Sodium	ppm	<1	<1	0	0
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	11	8	34	17
Copper	ppm	0	0	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	1	1	2	1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	187	201	140	137
Magnesium	ppm	14	18	12	10
Zinc	ppm	92	78	65	56
Phosphorus	ppm	1024	1002	1018	920
Barium	ppm	0	0	0	0
Boron	ppm	171	220	193	182

Depot: SCHGRE
Unique No: 10755960
Signed: Wes Davis
Report Date: 27 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

