



CONSTRUCTION EQUIPMENT

VOLVO A40G 752009 - BOGIE/CENTER AXLE



Sample No: VCP451054
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP451054	VCP393240	VCP445744	VCP312957
Sample Date	10 Jun 2024	12 Mar 2024	29 Nov 2023	12 Sep 2023
Machine Hours	2081	1479	987	482
Oil Hours	602	1052	560	482
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	121	104	104	104
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CONTAMINATION

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

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	62	268	225	148
Copper	ppm	<1	3	2	2
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	3	2	0	0
Chromium	ppm	<1	4	3	2
Molybdenum	ppm	4	10	9	7
Nickel	ppm	0	2	<1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	10	9	8
Vanadium	ppm	0	<1	<1	0



ADDITIVES

Calcium	ppm	660	140	122	153
Magnesium	ppm	14	1	0	1
Zinc	ppm	238	60	38	70
Phosphorus	ppm	812	1203	1348	1371
Barium	ppm	0	2	0	0
Boron	ppm	170	282	342	339

Depot: SCHGRE
Unique No: 11126997
Signed: Sean Felton
Report Date: 18 Jul 2024



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GRAPHS

