



CONSTRUCTION EQUIPMENT

VOLVO A40G 352566 - BOGIE/CENTER AXLE



Sample No: VCP445500
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP445500	VCP435160	VCP341886	VCP312549
Sample Date	06 Jun 2024	02 Apr 2024	11 Dec 2023	04 Oct 2023
Machine Hours	6165	5666	5026	4584
Oil Hours	499	1082	442	1176
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	133	137	136	130
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	11	2	2
Sodium	ppm	0	3	0	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	10	84	10	22
Copper	ppm	3	64	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	10	0	0
Aluminum	ppm	2	<1	0	1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	3	6	0	1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	2	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	232	234	234	384
Magnesium	ppm	18	11	10	7
Zinc	ppm	110	92	103	138
Phosphorus	ppm	1040	1067	961	959
Barium	ppm	<1	0	0	0
Boron	ppm	169	202	160	163

Depot: SCHGRE
Unique No: 11085040
Signed: Wes Davis
Report Date: 19 Jun 2024



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VOLVO GRAPHS

