



CONSTRUCTION EQUIPMENT

VOLVO A40G 352026 - BOGIE/CENTER AXLE



Sample No: VCP440662
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP440662	VCP436352	VCP395618	VCP405243
Sample Date	15 Apr 2024	08 Feb 2024	30 Oct 2023	29 Aug 2023
Machine Hours	10378	9959	9458	9029
Oil Hours	920	501	929	500
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	129	129	143	143
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	12	4
Sodium	ppm	0	0	1	<1
Potassium	ppm	2	1	5	2

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	106	122	688	148
Copper	ppm	<1	<1	2	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	2	1	0
Chromium	ppm	2	2	10	2
Molybdenum	ppm	4	5	16	7
Nickel	ppm	<1	<1	2	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	3	17	6
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	525	581	780	694
Magnesium	ppm	20	23	18	19
Zinc	ppm	195	206	326	274
Phosphorus	ppm	1097	1223	1086	1006
Barium	ppm	0	12	0	0
Boron	ppm	196	190	158	168

Depot: SCHGRE
Unique No: 11009497
Signed: Wes Davis
Report Date: 06 May 2024



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GRAPHS

