



CONSTRUCTION EQUIPMENT

VOLVO A40G 352025 - REAR AXLE



Sample No: VCP444784
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP444784	VCP433281	VCP312606	VCP341884
Sample Date	06 Jun 2024	02 Apr 2024	11 Dec 2023	03 Oct 2023
Machine Hours	11171	10696	10033	9594
Oil Hours	1138	633	958	519
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	136	136	139	139
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	4	3
Sodium	ppm	0	2	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	16	31	7	4
Copper	ppm	<1	20	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	2	<1	0
Aluminum	ppm	2	0	0	1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	2	2	0	2
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	0	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	162	212	213	238
Magnesium	ppm	14	16	16	16
Zinc	ppm	79	86	94	96
Phosphorus	ppm	959	1058	961	970
Barium	ppm	<1	0	0	0
Boron	ppm	167	213	165	195

Depot: SCHGRE
Unique No: 11085033
Signed: Wes Davis
Report Date: 19 Jun 2024



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GRAPHS

