



CONSTRUCTION EQUIPMENT

VOLVO A40G 352025 - BOGIE/CENTER AXLE



Sample No: VCP444786
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP444786	VCP433283	VCP312841	VCP341885
Sample Date	06 Jun 2024	02 Apr 2024	11 Dec 2023	03 Oct 2023
Machine Hours	11171	10696	10033	9594
Oil Hours	1138	663	958	519
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	139	135	137	137
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	1	2	3
Sodium	ppm	0	2	0	0
Potassium	ppm	2	0	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	17	18	8	7
Copper	ppm	<1	4	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	0	0	1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	2	1	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	246	185	231	234
Magnesium	ppm	15	15	14	14
Zinc	ppm	106	75	99	95
Phosphorus	ppm	988	1066	970	987
Barium	ppm	<1	0	0	0
Boron	ppm	168	216	159	192

Depot: SCHGRE
Unique No: 11085027
Signed: Wes Davis
Report Date: 19 Jun 2024



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GRAPHS

