



CONSTRUCTION EQUIPMENT

VOLVO A40G 352025 - BOGIE/CENTER AXLE



Sample No: VCP433283
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP433283	VCP312841	VCP341885	VCP402601
Sample Date	02 Apr 2024	11 Dec 2023	03 Oct 2023	13 Jul 2023
Machine Hours	10696	10033	9594	9075
Oil Hours	663	958	519	1127
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	135	137	137	137
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	3	1
Sodium	ppm	2	0	0	<1
Potassium	ppm	0	0	1	<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	18	8	7	10
Copper	ppm	4	0	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	0	0	1	0
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	1	0	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	0	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	185	231	234	137
Magnesium	ppm	15	14	14	16
Zinc	ppm	75	99	95	60
Phosphorus	ppm	1066	970	987	923
Barium	ppm	0	0	0	0
Boron	ppm	216	159	192	187

Depot: SCHGRE
Unique No: 10990239
Signed: Wes Davis
Report Date: 22 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

