



CONSTRUCTION EQUIPMENT

2810 VOLVO A40G 342253 - BOGIE/CENTER AXLE



Sample No: VCP445787
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No: 2810



SAMPLE INFORMATION

Sample Number	VCP445787	VCP442552	VCP396799	VCP402351
Sample Date	11 Mar 2024	06 Dec 2023	25 Sep 2023	19 Jul 2023
Machine Hours	11433	10949	10423	9967
Oil Hours	484	982	456	964
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	127	135	136	132



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	1	3	3
Sodium	ppm	0	0	0	<1
Potassium	ppm	<1	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	9	20	7	8
Copper	ppm	1	<1	<1	<1
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	2	0	0	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	3	2	2	<1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	6	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	<1	<1	0	<1



ADDITIVES

Calcium	ppm	556	283	283	424
Magnesium	ppm	17	0	11	8
Zinc	ppm	197	93	126	152
Phosphorus	ppm	918	976	1032	956
Barium	ppm	0	0	2	0
Boron	ppm	151	193	167	170

Depot: SCHGRE
Unique No: 10938205
Signed: Don Baldrige
Report Date: 22 Mar 2024



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GRAPHS

