



CONSTRUCTION EQUIPMENT

2810 VOLVO A40G 342253 - BOGIE/CENTER AXLE



Sample No: VCP402351
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No: 2810



SAMPLE INFORMATION

Sample Number	VCP402351	VCP406693	VCP390563	VCP386663
Sample Date	19 Jul 2023	02 May 2023	13 Feb 2023	01 Nov 2022
Machine Hours	9967	9484	9003	8489
Oil Hours	964	481	1011	497
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	132	132	130	130
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CONTAMINATION

Silicon	ppm	3	2	7	14
Sodium	ppm	<1	2	<1	1
Potassium	ppm	<1	0	0	0

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	8	5	18	14
Copper	ppm	<1	1	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	3
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	424	420	437	501
Magnesium	ppm	8	8	13	2
Zinc	ppm	152	139	160	169
Phosphorus	ppm	956	991	860	977
Barium	ppm	0	0	0	0
Boron	ppm	170	151	151	157

Depot: SCHGRE
Unique No: 10586825
Signed: Wes Davis
Report Date: 04 Aug 2023



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VOLVO GRAPHS

