



CONSTRUCTION EQUIPMENT

2810 VOLVO A40G 342253 - FRONT AXLE



Sample No: VCP402412
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No: 2810



SAMPLE INFORMATION

Sample Number	VCP402412	VCP406065	VCP390572	VCP373710
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	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	131	132	128	128
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CONTAMINATION

Silicon	ppm	3	3	2	4
Sodium	ppm	<1	<1	<1	1
Potassium	ppm	<1	0	<1	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	32	50	99	100
Copper	ppm	2	1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	<1	1	1
Molybdenum	ppm	1	1	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	4	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	445	427	446	470
Magnesium	ppm	7	8	13	1
Zinc	ppm	159	140	162	163
Phosphorus	ppm	957	991	864	950
Barium	ppm	0	0	0	0
Boron	ppm	165	147	144	148

Depot: SCHGRE
Unique No: 10586826
Signed: Wes Davis
Report Date: 04 Aug 2023



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VOLVO GRAPHS

