



CONSTRUCTION EQUIPMENT

VOLVO A40G 342373 - REAR AXLE



Sample No: VCP402952
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP402952	VCP406696	VCP385065	VCP373700
Sample Date	29 Aug 2023	02 May 2023	13 Feb 2023	31 Oct 2022
Machine Hours	11645	10860	10345	9831
Oil Hours	683	1029	514	972
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	133	132	132	135
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CONTAMINATION

Silicon	ppm	3	2	2	2
Sodium	ppm	0	2	<1	1
Potassium	ppm	0	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	13	12	16	9
Copper	ppm	0	1	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	432	395	401	407
Magnesium	ppm	10	8	12	4
Zinc	ppm	145	128	132	139
Phosphorus	ppm	1009	988	912	978
Barium	ppm	0	0	0	0
Boron	ppm	198	151	175	164

Depot: SCHGRE
Unique No: 10634511
Signed: Wes Davis
Report Date: 07 Sep 2023



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GRAPHS

