



CONSTRUCTION EQUIPMENT

VOLVO A40G 342252 - REAR AXLE



Sample No: VCP401114
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP401114	VCP436362	VCP398086	VCP392515
Sample Date	11 Mar 2024	06 Feb 2024	30 Oct 2023	29 Aug 2023
Machine Hours	11973	11740	11266	10867
Oil Hours	1106	873	399	907
Oil Changed	Changed	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	130	130	132	132
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CONTAMINATION

Water	%	NEG	NEG	NEG	0.085
Silicon	ppm	6	5	3	4
Sodium	ppm	0	0	0	0
Potassium	ppm	<1	<1	0	<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	33	32	11	20
Copper	ppm	<1	<1	0	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	2	0	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	3	3	<1	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	0	0	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	489	509	396	346
Magnesium	ppm	20	23	21	5
Zinc	ppm	181	177	180	138
Phosphorus	ppm	909	1244	965	972
Barium	ppm	0	12	2	2
Boron	ppm	154	197	171	150

Depot: SCHGRE
Unique No: 10938220
Signed: Wes Davis
Report Date: 21 Mar 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

