



CONSTRUCTION EQUIPMENT

VOLVO A40G 342252 - FRONT AXLE



Sample No: VCP398090
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP398090	VCP396995	VCP404893	VCP385698
Sample Date	30 Oct 2023	29 Aug 2023	22 Mar 2023	13 Feb 2023
Machine Hours	11266	10867	9960	9801
Oil Hours	349	907	877	718
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	130	131	132	131
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CONTAMINATION

Silicon	ppm	4	3	1	3
Sodium	ppm	<1	0	<1	<1
Potassium	ppm	0	<1	0	0



WEAR METALS

Iron	ppm	19	18	9	11
Copper	ppm	0	<1	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	0	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	4	<1	<1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	435	367	352	386
Magnesium	ppm	27	6	7	12
Zinc	ppm	178	146	135	131
Phosphorus	ppm	976	978	946	895
Barium	ppm	0	1	0	0
Boron	ppm	163	146	168	170

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.

Depot: SCHGRE
Unique No: 10736969
Signed: Wes Davis
Report Date: 10 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

