



CONSTRUCTION EQUIPMENT

VOLVO A40G 352566 - FRONT AXLE



Sample No: VCP433563
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP433563	VCP341889	VCP312552	VCP405246
Sample Date	02 Apr 2024	11 Dec 2023	04 Oct 2023	13 Jul 2023
Machine Hours	5666	5026	4584	3940
Oil Hours	1082	442	1176	532
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	136	136	132	133
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	1	3	4
Sodium	ppm	3	0	0	<1
Potassium	ppm	1	<1	<1	<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	23	7	28	14
Copper	ppm	5	0	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	0	0	1	0
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	0	1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	1	0	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	224	232	490	410
Magnesium	ppm	12	10	10	9
Zinc	ppm	95	100	175	148
Phosphorus	ppm	974	982	1223	948
Barium	ppm	<1	0	0	0
Boron	ppm	187	163	218	173

Depot: SCHGRE
Unique No: 10990235
Signed: Wes Davis
Report Date: 22 Apr 2024



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VOLVO GRAPHS

