



CONSTRUCTION EQUIPMENT

VOLVO A40G 340668 - BOGIE/CENTER AXLE



Sample No: VCP416754
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP416754	VCP419854	VCP359616	VCP360986
Sample Date	08 Feb 2024	01 Aug 2023	28 Feb 2023	26 Oct 2022
Machine Hours	17181	16113	15032	14400
Oil Hours	1068	1081	1160	537
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	135	138	137	139
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	1	2	3
Sodium	ppm	<1	0	<1	<1
Potassium	ppm	1	1	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	5	5	13	6
Copper	ppm	<1	<1	<1	0
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	1	2	1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	300	137	185	175
Magnesium	ppm	10	12	7	0
Zinc	ppm	125	58	79	67
Phosphorus	ppm	960	1014	995	1007
Barium	ppm	0	0	0	0
Boron	ppm	158	218	175	177

Depot: SCHGRE
Unique No: 10898646
Signed: Wes Davis
Report Date: 27 Feb 2024



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GRAPHS

