



CONSTRUCTION EQUIPMENT

VOLVO A40G 352566 - BOGIE/CENTER AXLE



Sample No: VCP435160
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP435160	VCP341886	VCP312549	VCP401925
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	137	136	130	133
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	2	2	2
Sodium	ppm	3	0	0	<1
Potassium	ppm	<1	0	<1	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	84	10	22	15
Copper	ppm	64	0	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	10	0	0	0
Aluminum	ppm	<1	0	1	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	6	0	1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	234	234	384	359
Magnesium	ppm	11	10	7	8
Zinc	ppm	92	103	138	131
Phosphorus	ppm	1067	961	959	859
Barium	ppm	0	0	0	0
Boron	ppm	202	160	163	155

Depot: SCHGRE
Unique No: 10990232
Signed: Wes Davis
Report Date: 22 Apr 2024



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GRAPHS

