



CONSTRUCTION EQUIPMENT

VOLVO A40G 352566 - BOGIE/CENTER AXLE



Sample No: VCP312549
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP312549	VCP401925	VCP395616	VCP386313
Sample Date	04 Oct 2023	13 Jul 2023	27 Apr 2023	06 Mar 2023
Machine Hours	4584	3940	3468	3021
Oil Hours	1176	532	1042	655
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	130	133	138	136
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CONTAMINATION

Silicon	ppm	2	2	2	2
Sodium	ppm	0	<1	2	<1
Potassium	ppm	<1	0	0	0



WEAR METALS

Iron	ppm	22	15	61	29
Copper	ppm	0	<1	2	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	0	0	<1
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	1	<1	2	2
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	4	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	384	359	146	136
Magnesium	ppm	7	8	16	12
Zinc	ppm	138	131	56	67
Phosphorus	ppm	959	859	974	992
Barium	ppm	0	0	0	0
Boron	ppm	163	155	162	185

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: 10701209
Signed: Wes Davis
Report Date: 20 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

