



CONSTRUCTION EQUIPMENT

VOLVO A40G 342373 - BOGIE/CENTER AXLE



Sample No: VCP339739
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP339739	VCP402953	VCP406061	VCP385079
Sample Date	09 Oct 2023	29 Aug 2023	02 May 2023	13 Feb 2023
Machine Hours	11957	11645	10860	10345
Oil Hours	995	683	1029	514
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	131	132	132	132
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CONTAMINATION

Silicon	ppm	4	2	2	2
Sodium	ppm	0	0	2	<1
Potassium	ppm	1	0	0	0



WEAR METALS

Iron	ppm	19	14	23	16
Copper	ppm	<1	0	1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	0	0	0
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	1	<1	<1	<1
Nickel	ppm	0	0	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	422	381	404	397
Magnesium	ppm	8	9	10	11
Zinc	ppm	146	126	131	133
Phosphorus	ppm	965	930	1001	914
Barium	ppm	0	0	0	0
Boron	ppm	165	178	151	173

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: SCHGRE
Unique No: 10701232
Signed: Sean Felton
Report Date: 23 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

