



CONSTRUCTION EQUIPMENT

VOLVO A40G 352351 - BOGIE/CENTER AXLE



Sample No: VCP339705
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP339705	VCP406637	VCP384414	VCP362735
Sample Date	07 Nov 2023	24 Aug 2023	30 May 2023	06 Mar 2023
Machine Hours	7750	7188	6612	6020
Oil Hours	562	1168	592	1105
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	139	138	139	137
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	<1	2
Sodium	ppm	<1	0	0	<1
Potassium	ppm	0	0	0	<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	4	10	7	15
Copper	ppm	0	0	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	<1	1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	170	141	131	151
Magnesium	ppm	4	14	12	8
Zinc	ppm	71	48	57	66
Phosphorus	ppm	1006	1014	1021	994
Barium	ppm	0	0	0	0
Boron	ppm	173	223	206	180

Depot: SCHGRE
Unique No: 10755944
Signed: Wes Davis
Report Date: 27 Nov 2023



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GRAPHS

