



CONSTRUCTION EQUIPMENT

VOLVO A40F 12382 - BOGIE/CENTER AXLE



Sample No: VCP339736
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP339736	VCP385112	VCP373566	VCP378261
Sample Date	10 Oct 2023	26 Jul 2023	15 Mar 2023	26 Sep 2022
Machine Hours	14258	13692	12795	11826
Oil Hours	566	897	969	942
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	132	135	135	135
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CONTAMINATION

Silicon	ppm	3	3	4	5
Sodium	ppm	0	<1	<1	0
Potassium	ppm	<1	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	5	26	25	28
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	2	<1
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	2	0	4	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	440	194	221	202
Magnesium	ppm	20	17	28	13
Zinc	ppm	159	86	110	95
Phosphorus	ppm	979	961	986	984
Barium	ppm	0	0	0	1
Boron	ppm	174	170	186	170

Depot: SCHGRE
Unique No: 10701228
Signed: Wes Davis
Report Date: 23 Oct 2023



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VOLVO GRAPHS

