



CONSTRUCTION EQUIPMENT

2744 VOLVO A40F 12386 - BOGIE/CENTER AXLE



Sample No: VCP402906
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No: 2744



SAMPLE INFORMATION

Sample Number	VCP402906	VCP404580	VCP373714	VCP357656
Sample Date	19 Jul 2023	22 Mar 2023	22 Aug 2022	13 Jun 2022
Machine Hours	11382	10781	9653	9175
Oil Hours	601	1128	1087	604
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	131	130	136	137
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CONTAMINATION

Silicon	ppm	3	2	3	4
Sodium	ppm	1	<1	0	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	7	12	11	9
Copper	ppm	<1	0	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	1	0
Aluminum	ppm	0	<1	2	1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	1	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	393	470	326	318
Magnesium	ppm	8	11	7	7
Zinc	ppm	142	170	121	120
Phosphorus	ppm	935	952	953	942
Barium	ppm	0	0	0	0
Boron	ppm	163	162	194	191

Depot: SCHGRE
Unique No: 10586850
Signed: Wes Davis
Report Date: 04 Aug 2023



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VOLVO GRAPHS

