



CONSTRUCTION EQUIPMENT

VOLVO A40D 70322 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP385218
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP385218	VCP378836	VCP342181	VCP347999
Sample Date	01 Aug 2023	16 Sep 2022	16 Jun 2022	11 May 2022
Machine Hours	26925	25375	24817	24564
Oil Hours	991	558	1051	798
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	134	135	136	136
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CONTAMINATION

Silicon	ppm	3	1	2	2
Sodium	ppm	0	0	<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	37	14	28	26
Copper	ppm	7	3	5	4
Lead	ppm	0	0	0	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	1	<1	1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	163	184	195	199
Magnesium	ppm	8	6	16	17
Zinc	ppm	73	77	95	90
Phosphorus	ppm	1016	974	991	1030
Barium	ppm	0	0	0	0
Boron	ppm	214	166	168	163

Depot: SCHGRE
Unique No: 10617687
Signed: Wes Davis
Report Date: 24 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

