



CONSTRUCTION EQUIPMENT

VOLVO A40G 352 198 - BOGIE/CENTER AXLE



Sample No: VCP447484
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP447484	VCP378562	VCP312943	VCP405995
Sample Date	07 Jun 2024	14 Dec 2023	06 Sep 2023	19 Jun 2023
Machine Hours	5957	4956	4393	3898
Oil Hours	1001	1058	495	239
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

SCHILDBERG CONSTRUCTION COMPANY
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OIL CONDITION

Visc @ 40°C	cSt	135	135	132	49.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	2
Sodium	ppm	0	0	0	3
Potassium	ppm	2	<1	<1	<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	70	46	49	102
Copper	ppm	<1	0	<1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	0	0	<1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	3	0	2	<1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	2	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	161	187	179	4
Magnesium	ppm	14	13	16	0
Zinc	ppm	79	83	89	0
Phosphorus	ppm	969	997	1063	2414
Barium	ppm	<1	0	0	0
Boron	ppm	169	164	199	287

Depot: SCHGRE
Unique No: 11085036
Signed: Wes Davis
Report Date: 19 Jun 2024



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GRAPHS

