



CONSTRUCTION EQUIPMENT

VOLVO A40G 352025 - REAR AXLE



Sample No: VCP433281
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP433281	VCP312606	VCP341884	VCP402328
Sample Date	02 Apr 2024	11 Dec 2023	03 Oct 2023	13 Jul 2023
Machine Hours	10696	10033	9594	9075
Oil Hours	633	958	519	1127
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
 sarmstrong@schildberg.com
 T: (641)743-8237
 F: (641)743-2486



OIL CONDITION

Visc @ 40°C	cSt	136	139	139	139
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	4	3	2
Sodium	ppm	2	0	0	<1
Potassium	ppm	<1	0	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	31	7	4	8
Copper	ppm	20	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	2	<1	0	0
Aluminum	ppm	0	0	1	0
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	2	0	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	0	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	212	213	238	143
Magnesium	ppm	16	16	16	17
Zinc	ppm	86	94	96	60
Phosphorus	ppm	1058	961	970	940
Barium	ppm	0	0	0	0
Boron	ppm	213	165	195	192

Depot: SCHGRE
Unique No: 10990234
Signed: Wes Davis
Report Date: 22 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

