



CONSTRUCTION EQUIPMENT

VOLVO A40G 342658 - DROP BOX



Sample No: VCP447439
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP447439	VCP329505	VCP359540	VCP362795
Sample Date	29 Apr 2024	06 Nov 2023	18 May 2023	13 Oct 2022
Machine Hours	10764	9682	8626	7511
Oil Hours	1082	1056	1115	1021
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	SEVERE	SEVERE	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	134	136	145	134
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	4	9	2
Sodium	ppm	0	<1	0	0
Potassium	ppm	2	0	<1	2



WEAR METALS

Iron	ppm	1575	1187	1340	403
Copper	ppm	4	3	3	2
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	5	2	5	2
Chromium	ppm	16	12	16	4
Molybdenum	ppm	12	3	4	2
Nickel	ppm	6	1	3	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	14	12	15	5
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	190	198	155	185
Magnesium	ppm	11	11	12	5
Zinc	ppm	86	96	71	90
Phosphorus	ppm	982	985	1002	978
Barium	ppm	0	0	0	1
Boron	ppm	179	163	185	165

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: SCHGRE
Unique No: 11019008
Signed: Don Baldrige
Report Date: 10 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

