



CONSTRUCTION EQUIPMENT

VOLVO A40G 342658 - DROP BOX



Sample No: VCP329505
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP329505	VCP359540	VCP362795	VCP346443
Sample Date	06 Nov 2023	18 May 2023	13 Oct 2022	27 May 2022
Machine Hours	9682	8626	7511	6550
Oil Hours	1056	1115	1021	1228
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	SEVERE	ABNORMAL	NORMAL	NORMAL

SCHILDBERG CONSTRUCTION COMPANY
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 Contact: SCOTT ARMSTRONG
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OIL CONDITION

Visc @ 40°C	cSt	136	145	134	130
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	9	2	5
Sodium	ppm	<1	0	0	<1
Potassium	ppm	0	<1	2	0



WEAR METALS

Iron	ppm	1187	1340	403	412
Copper	ppm	3	3	2	1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	5	2	4
Chromium	ppm	12	16	4	5
Molybdenum	ppm	3	4	2	4
Nickel	ppm	1	3	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	12	15	5	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	198	155	185	234
Magnesium	ppm	11	12	5	10
Zinc	ppm	96	71	90	113
Phosphorus	ppm	985	1002	978	940
Barium	ppm	0	0	1	0
Boron	ppm	163	185	165	181

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: 10755941
Signed: Sean Felton
Report Date: 28 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

