



CONSTRUCTION EQUIPMENT

VOLVO A40G 352349 - DROP BOX



Sample No: VCP436363
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP436363	VCP406461	VCP404504	VCP366948
Sample Date	08 Feb 2024	29 Aug 2023	22 Mar 2023	21 Sep 2022
Machine Hours	6743	5785	4695	3727
Oil Hours	958	1090	968	1063
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	SEVERE	NORMAL	NORMAL	ATTENTION

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
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 T: (641)743-8237
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OIL CONDITION

Visc @ 40°C	cSt	129	128	129	105
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	4	10	9
Sodium	ppm	0	<1	1	0
Potassium	ppm	<1	0	0	0



WEAR METALS

Iron	ppm	1324	292	295	43
Copper	ppm	4	1	1	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	0	2	<1
Chromium	ppm	17	3	5	<1
Molybdenum	ppm	25	8	23	5
Nickel	ppm	13	2	2	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	9	2	3	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	396	393	319	287
Magnesium	ppm	6	7	8	6
Zinc	ppm	136	138	121	121
Phosphorus	ppm	1226	1006	1015	1202
Barium	ppm	12	0	0	0
Boron	ppm	166	179	169	145

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: 10876593
Signed: Jonathan Hester
Report Date: 16 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

