



CONSTRUCTION EQUIPMENT

VOLVO A40G 342252 - DROP BOX



Sample No: VCP404511
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP404511	VCP373724	VCP320953	VCP318591
Sample Date	22 Mar 2023	25 Aug 2022	15 Mar 2022	02 Sep 2021
Machine Hours	9960	9083	8148	7140
Oil Hours	577	935	1008	883
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	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	130	137	132	127
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CONTAMINATION

Silicon	ppm	2	4	3	3
Sodium	ppm	<1	2	<1	<1
Potassium	ppm	0	23	0	0



WEAR METALS

Iron	ppm	53	11	25	11
Copper	ppm	<1	4	<1	4
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	10	3	2
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	5	48	2	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	330	1460	308	399
Magnesium	ppm	8	579	13	11
Zinc	ppm	131	923	121	186
Phosphorus	ppm	957	762	1000	941
Barium	ppm	0	0	0	0
Boron	ppm	161	28	163	154

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.

Depot: SCHGRE
Unique No: 10444994
Signed: Wes Davis
Report Date: 28 Apr 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

