



CONSTRUCTION EQUIPMENT

VOLVO A40G 342608 - DROP BOX



Sample No: VCP444708
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP444708	VCP331545	VCP379376	VCP359631
Sample Date	29 Apr 2024	06 Nov 2023	17 Jan 2023	27 Jun 2022
Machine Hours	11934	10895	8851	7605
Oil Hours	1021	1117	1246	1085
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	120	136	134	134
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	31	5	3	2
Sodium	ppm	3	2	0	<1
Potassium	ppm	11	<1	0	0

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	189	209	45	39
Copper	ppm	2	<1	<1	<1
Lead	ppm	<1	0	0	<1
Tin	ppm	1	0	0	0
Aluminum	ppm	2	14	3	2
Chromium	ppm	4	2	<1	<1
Molybdenum	ppm	24	10	3	3
Nickel	ppm	2	<1	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	3	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	461	159	165	191
Magnesium	ppm	46	13	6	10
Zinc	ppm	250	73	70	98
Phosphorus	ppm	960	992	937	948
Barium	ppm	0	0	0	<1
Boron	ppm	149	228	169	159

Depot: SCHGRE
Unique No: 11019012
Signed: Don Baldrige
Report Date: 10 May 2024



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GRAPHS

