



CONSTRUCTION EQUIPMENT

VOLVO A40G 342373 - DROP BOX



Sample No: VCP442501
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP442501	VCP440660	VCP400064	VCP385081
Sample Date	10 Jun 2024	29 Nov 2023	19 Jul 2023	13 Feb 2023
Machine Hours	13342	12310	11379	10345
Oil Hours	1032	931	1034	1009
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	124	134	133	129



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	2	4
Sodium	ppm	0	<1	<1	<1
Potassium	ppm	1	0	<1	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	10	26	19	38
Copper	ppm	<1	4	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	0	0	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	2	1	2
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	462	342	374	452
Magnesium	ppm	16	0	7	14
Zinc	ppm	181	110	139	159
Phosphorus	ppm	944	980	938	897
Barium	ppm	0	0	0	0
Boron	ppm	159	184	162	160

Depot: SCHGRE
Unique No: 11127005
Signed: Wes Davis
Report Date: 17 Jul 2024



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GRAPHS

