



CONSTRUCTION EQUIPMENT

VOLVO A60H 340099 - DROP BOX



Sample No: VCP431546
Oil Type: GEAR OIL SAE 75W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP431546	VCP431980	VCP369462	VCP405237
Sample Date	23 Jan 2024	11 Oct 2023	18 Jul 2023	27 Mar 2023
Machine Hours	8489	7982	7491	7019
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

SAIIA CONSTRUCTION LLC
 4400 LEWISBURG RD
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 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	293	284	291	▲ 309
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	█ 14	█ 14	█ 13	█ 17
Sodium	ppm	█ 6	█ 6	█ 4	█ 8
Potassium	ppm	█ 2	█ 0	█ 0	█ <1

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	█ 68	█ 24	█ 19	█ 51
Copper	ppm	█ 2	█ 3	█ 1	█ 3
Lead	ppm	█ 0	█ 0	█ 0	█ 0
Tin	ppm	█ <1	█ <1	█ 0	█ 0
Aluminum	ppm	█ 0	█ 0	█ 0	█ 0
Chromium	ppm	█ <1	█ 0	█ 0	█ <1
Molybdenum	ppm	█ 5	█ 5	█ 6	█ 8
Nickel	ppm	█ <1	█ 0	█ 0	█ 0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	█ 1	█ 1	█ <1	█ 2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	█ 81	█ 87	█ 100	█ 68
Magnesium	ppm	29	41	33	6
Zinc	ppm	█ 66	█ 60	█ 75	█ 48
Phosphorus	ppm	█ 869	█ 963	█ 1085	█ 993
Barium	ppm	█ <1	█ 0	█ 0	█ 0
Boron	ppm	█ 134	█ 136	█ 169	█ 158

Depot: SAIBIR
Unique No: 10848639
Signed: Sean Felton
Report Date: 30 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

