



CONSTRUCTION EQUIPMENT

VOLVO A60H 340039 - DROP BOX



Sample No: VCP441434
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP441434	VCP428988	VCP410903	VCP366105
Sample Date	18 Jan 2024	27 Sep 2023	20 Jun 2023	29 Nov 2022
Machine Hours	8521	8052	7542	7061
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	284	284	284	277
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	5	4	5
Sodium	ppm	4	5	5	5
Potassium	ppm	1	1	<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	6	12	14	10
Copper	ppm	0	2	<1	2
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	0	0	0	11
Chromium	ppm	0	0	0	0
Molybdenum	ppm	6	3	4	3
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	106	72	78	71
Magnesium	ppm	31	13	16	13
Zinc	ppm	104	46	64	61
Phosphorus	ppm	743	876	997	877
Barium	ppm	<1	0	0	0
Boron	ppm	115	99	134	112

Depot: SAIBIR
Unique No: 10848661
Signed: Sean Felton
Report Date: 30 Jan 2024



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GRAPHS

