



CONSTRUCTION EQUIPMENT

VOLVO A60H 350022 - DROP BOX



Sample No: VCP450821
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP450821	VCP443294	VCP405831	VCP402627
Sample Date	06 Jun 2024	23 Jan 2024	27 Sep 2023	01 May 2023
Machine Hours	8426	7905	7399	6905
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	276	316	315	314
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	4	4	3
Sodium	ppm	0	<1	<1	1
Potassium	ppm	1	2	<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	19	60	53	49
Copper	ppm	<1	<1	<1	2
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	4	6	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	10	2	2	3
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	133	106	108	99
Magnesium	ppm	44	24	23	23
Zinc	ppm	127	97	85	83
Phosphorus	ppm	886	1094	1141	1045
Barium	ppm	0	0	0	0
Boron	ppm	156	164	154	132

Depot: SAIBIR
Unique No: 11075576
Signed: Don Baldrige
Report Date: 14 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

