



CONSTRUCTION EQUIPMENT

VOLVO A60H 350187 - DROP BOX



Sample No: VCP410904
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP410904	VCP428997	VCP05842395	VCP402256
Sample Date	11 Jan 2024	06 Sep 2023	08 May 2023	28 Feb 2023
Machine Hours	2513	2021	0	1556
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	220	219	219	218
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	52	50	42	41
Sodium	ppm	6	5	4	4
Potassium	ppm	0	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	90	48	52	38
Copper	ppm	3	2	<1	2
Lead	ppm	0	<1	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	0	0	5	<1
Chromium	ppm	1	<1	0	<1
Molybdenum	ppm	3	2	<1	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	16	17	25	17
Magnesium	ppm	0	1	7	4
Zinc	ppm	29	31	23	30
Phosphorus	ppm	1295	1334	1258	1153
Barium	ppm	0	0	0	0
Boron	ppm	125	144	155	162

Depot: SAIBIR
Unique No: 10845474
Signed: Sean Felton
Report Date: 25 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

