



CONSTRUCTION EQUIPMENT

SWO-065604 VOLVO A60H 350187 - DROP BOX



Sample No: VCP428997
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-065604



SAMPLE INFORMATION

Sample Number	VCP428997	VCP05842395	VCP402256	VCP388247
Sample Date	06 Sep 2023	08 May 2023	28 Feb 2023	14 Oct 2022
Machine Hours	2021	0	1556	1098
Oil Hours	0	0	0	0
Oil Changed	Not Changd	N/A	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	219	219	218	213
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CONTAMINATION

Silicon	ppm	50	42	41	42
Sodium	ppm	5	4	4	4
Potassium	ppm	2	1	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	48	52	38	40
Copper	ppm	2	<1	2	2
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	5	<1	0
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	2	<1	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	2	2
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	17	25	17	9
Magnesium	ppm	1	7	4	0
Zinc	ppm	31	23	30	19
Phosphorus	ppm	1334	1258	1153	1216
Barium	ppm	0	0	0	0
Boron	ppm	144	155	162	162

Depot: SAIBIR
Unique No: 10646459
Signed: Angela Borella
Report Date: 18 Sep 2023



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VOLVO GRAPHS

