



CONSTRUCTION EQUIPMENT

SW0068081 VOLVO A30G 752673 - DROP BOX



Sample No: VCP433336
Oil Type: GEAR OIL SAE 80W90
Job No: SWO068081



SAMPLE INFORMATION

Sample Number	VCP433336	VCP435438	VCP424297	VCP383828
Sample Date	06 Dec 2023	27 Sep 2023	23 Jun 2023	02 Dec 2022
Machine Hours	1983	1495	987	490
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	84.5	47.5	48.1	48.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	20	21	19
Sodium	ppm	2	4	1	3
Potassium	ppm	0	2	2	<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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	279	94	91	85
Copper	ppm	23	1	2	1
Lead	ppm	0	1	1	1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	0	6	4	4
Chromium	ppm	5	<1	<1	1
Molybdenum	ppm	19	8	9	8
Nickel	ppm	2	<1	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	11	4	4	4
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	844	15	21	61
Magnesium	ppm	0	0	2	2
Zinc	ppm	307	97	112	116
Phosphorus	ppm	1367	2420	2277	2161
Barium	ppm	0	0	0	0
Boron	ppm	189	27	35	40

Depot: SAIBIR
Unique No: 10780758
Signed: Don Baldrige
Report Date: 14 Dec 2023



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GRAPHS

