



CONSTRUCTION EQUIPMENT

SW0467659 VOLVO A30G 752677 - REAR AXLE



Sample No: VCP435996
Oil Type: GEAR OIL SAE 80W90
Job No: SWO467659



SAMPLE INFORMATION

Sample Number	VCP435996	VCP433847	VCP408942	VCP368404
Sample Date	16 Nov 2023	18 Sep 2023	23 Jun 2023	18 Nov 2022
Machine Hours	2403	1919	2405	915
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	131	91.5	92.3	91.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	10	5	4
Sodium	ppm	2	2	2	1
Potassium	ppm	6	5	4	2

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	261	778	387	209
Copper	ppm	8	25	19	18
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	1	1	0	<1
Chromium	ppm	4	12	6	4
Molybdenum	ppm	11	37	20	12
Nickel	ppm	2	5	3	2
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	2	0
Manganese	ppm	8	23	13	10
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1317	770	715	747
Magnesium	ppm	28	2	3	3
Zinc	ppm	590	317	310	322
Phosphorus	ppm	1115	1320	1254	1273
Barium	ppm	0	0	5	1
Boron	ppm	130	267	234	241

Depot: SAIBIR
Unique No: 10754635
Signed: Jonathan Hester
Report Date: 27 Nov 2023



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VOLVO GRAPHS

