



CONSTRUCTION EQUIPMENT

SWO-072452 VOLVO A30G 752677 - FRONT AXLE



Sample No: VCP440074
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-072452



SAMPLE INFORMATION

Sample Number	VCP440074	VCP438623	VCP435657	VCP433857
Sample Date	05 Jun 2024	07 Mar 2024	16 Nov 2023	18 Sep 2023
Machine Hours	3335	2834	2403	1919
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	135	131	133	86.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	6	6	7
Sodium	ppm	4	4	2	2
Potassium	ppm	7	3	6	<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	55	240	273	467
Copper	ppm	7	9	9	32
Lead	ppm	4	0	0	0
Tin	ppm	1	<1	0	1
Aluminum	ppm	<1	<1	1	1
Chromium	ppm	1	4	5	8
Molybdenum	ppm	8	11	11	26
Nickel	ppm	0	<1	2	4
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	8	8	17
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	529	1286	1317	878
Magnesium	ppm	35	10	28	3
Zinc	ppm	283	553	593	359
Phosphorus	ppm	896	1089	1104	1366
Barium	ppm	0	0	0	0
Boron	ppm	108	112	130	243

Depot: SAIBIR
Unique No: 11074390
Signed: Don Baldrige
Report Date: 13 Jun 2024



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VOLVO GRAPHS

