



CONSTRUCTION EQUIPMENT

VOLVO A30G 742385 - BOGIE/CENTER AXLE



Sample No: VCP438701
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP438701	VCP433230	VCP417748	VCP384134
Sample Date	09 Apr 2024	02 Oct 2023	20 Jun 2023	17 Oct 2022
Machine Hours	5731	5255	4737	4210
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	205	206	210	59.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	3	4
Sodium	ppm	<1	1	2	3
Potassium	ppm	0	0	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	324	354	298	467
Copper	ppm	8	6	5	21
Lead	ppm	0	0	0	6
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	<1	3	0
Chromium	ppm	6	6	6	7
Molybdenum	ppm	4	3	4	6
Nickel	ppm	1	2	3	4
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	8	8	7	22
Vanadium	ppm	<1	0	0	<1



ADDITIVES

Calcium	ppm	153	126	119	36
Magnesium	ppm	24	28	24	0
Zinc	ppm	80	75	67	17
Phosphorus	ppm	911	1078	856	1250
Barium	ppm	0	0	0	0
Boron	ppm	155	152	141	145

Depot: SAIBIR
Unique No: 10991804
Signed: Don Baldrige
Report Date: 24 Apr 2024



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GRAPHS

