



CONSTRUCTION EQUIPMENT

VOLVO A30G 742385 - REAR AXLE



Sample No: VCP438709
Oil Type: GEAR OIL SAE 90
Job No:



SAMPLE INFORMATION

Sample Number	VCP438709	VCP433228	VCP416642	VCP388300
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	192	196	204	110
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	3	4
Sodium	ppm	<1	<1	2	1
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	116	118	127	117
Copper	ppm	20	17	13	13
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	3	0
Chromium	ppm	2	2	3	1
Molybdenum	ppm	3	2	4	3
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	3	4	7
Vanadium	ppm	<1	0	0	<1



ADDITIVES

Calcium	ppm	428	397	326	94
Magnesium	ppm	24	29	30	6
Zinc	ppm	190	197	170	57
Phosphorus	ppm	869	1002	993	994
Barium	ppm	0	0	0	0
Boron	ppm	142	141	162	151

Depot: SAIBIR
Unique No: 10991800
Signed: Don Baldrige
Report Date: 24 Apr 2024



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GRAPHS

