



CONSTRUCTION EQUIPMENT

SWO-071488 VOLVO A60 340124 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP450902
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-071488



SAMPLE INFORMATION

Sample Number	VCP450902	VCP431509	VCP423807	VCP402472
Sample Date	25 Apr 2024	06 Nov 2023	15 Jun 2023	04 Mar 2023
Machine Hours	9238	8770	2220	7828
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	290	290	291	209
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	4	4	3
Sodium	ppm	<1	0	0	<1
Potassium	ppm	0	0	<1	<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	32	26	26	37
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	2	<1	2	4
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	119	62	62	153
Magnesium	ppm	24	24	23	27
Zinc	ppm	69	53	57	77
Phosphorus	ppm	1108	988	1073	1127
Barium	ppm	0	0	2	0
Boron	ppm	195	193	205	166

Depot: SAIBIR
Unique No: 11005577
Signed: Jonathan Hester
Report Date: 03 May 2024



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GRAPHS

