



CONSTRUCTION EQUIPMENT

SWO-071488 VOLVO A60 340124 - FRONT LEFT FINAL DRIVE



Sample No: VCP450996
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-071488



SAMPLE INFORMATION

Sample Number	VCP450996	VCP431514	VCP423805	VCP402391
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	ABNORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	288	291	291	205
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CONTAMINATION

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



WEAR METALS

Iron	ppm	30	24	24	39
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	<1	2	3
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	71	66	82	136
Magnesium	ppm	23	24	24	23
Zinc	ppm	55	55	64	67
Phosphorus	ppm	1095	991	1067	1080
Barium	ppm	0	0	2	0
Boron	ppm	197	196	201	165

Depot: SAIBIR
Unique No: 11005582
Signed: Jonathan Hester
Report Date: 03 May 2024



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GRAPHS

