



CONSTRUCTION EQUIPMENT

SWO-071762 VOLVO A60 340104 - FRONT RIGHT FINAL DRIVE



Sample No: VCP453850
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-071762



SAMPLE INFORMATION

Sample Number	VCP453850	VCP435589	VCP426210	VCP405242
Sample Date	15 May 2024	30 Nov 2023	24 Aug 2023	17 Apr 2023
Machine Hours	9718	9185	8689	8086
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	288	289	287	223
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	3	2
Sodium	ppm	<1	2	0	0
Potassium	ppm	2	0	0	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	31	15	15	61
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	<1	0	<1	1
Molybdenum	ppm	3	2	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	68	64	61	100
Magnesium	ppm	23	26	24	20
Zinc	ppm	57	56	53	43
Phosphorus	ppm	1096	991	982	1151
Barium	ppm	0	0	0	0
Boron	ppm	218	190	188	198

Depot: SAIBIR
Unique No: 11036077
Signed: Sean Felton
Report Date: 22 May 2024



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VOLVO GRAPHS

