



CONSTRUCTION EQUIPMENT

SWO-071761 VOLVO A60H 340099 - FRONT RIGHT FINAL DRIVE



Sample No: VCP453837
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-071761



SAMPLE INFORMATION

Sample Number	VCP453837	VCP441621	VCP429379	VCP416647
Sample Date	15 May 2024	23 Jan 2024	11 Oct 2023	18 Jul 2023
Machine Hours	9054	8489	7982	7491
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	259	259	259	259
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	3	3
Sodium	ppm	1	2	2	0
Potassium	ppm	2	1	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	13	8	7	9
Copper	ppm	<1	0	<1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	5	3	4	5
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	205	163	164	231
Magnesium	ppm	29	31	42	36
Zinc	ppm	110	94	85	130
Phosphorus	ppm	1109	858	918	1083
Barium	ppm	0	1	0	0
Boron	ppm	212	164	158	205

Depot: SAIBIR
Unique No: 11036096
Signed: Sean Felton
Report Date: 22 May 2024



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VOLVO GRAPHS

