



CONSTRUCTION EQUIPMENT

SWO-071761 VOLVO A60H 340099 - FRONT LEFT FINAL DRIVE



Sample No: VCP453848
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-071761



SAMPLE INFORMATION

Sample Number	VCP453848	VCP429500	VCP429385	VCP416652
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	256	260	260	260
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	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	9	7	8
Copper	ppm	<1	0	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	0	0	0
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	<1
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	200	166	165	193
Magnesium	ppm	28	31	42	35
Zinc	ppm	109	94	84	108
Phosphorus	ppm	1102	854	913	1019
Barium	ppm	0	1	0	0
Boron	ppm	207	164	159	194

Depot: SAIBIR
Unique No: 11036075
Signed: Sean Felton
Report Date: 22 May 2024



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VOLVO GRAPHS

