



CONSTRUCTION EQUIPMENT

SWO-071761 VOLVO A60H 340099 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP453851
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-071761



SAMPLE INFORMATION

Sample Number	VCP453851	VCP440681	VCP434024	VCP416644
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	252	252	252	249
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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	2	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	26	17	15	18
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	<1	<1
Molybdenum	ppm	5	3	4	5
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	154	118	122	154
Magnesium	ppm	27	31	42	35
Zinc	ppm	86	73	63	88
Phosphorus	ppm	1121	839	936	1113
Barium	ppm	0	<1	0	0
Boron	ppm	222	167	166	219

Depot: SAIBIR
Unique No: 11036095
Signed: Sean Felton
Report Date: 22 May 2024



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GRAPHS

