



CONSTRUCTION EQUIPMENT

SW0073151 VOLVO A60H 350021 - FRONT AXLE



Sample No: VCP450583
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO073151



SAMPLE INFORMATION

Sample Number	VCP450583	VCP416343	VCP427451	VCP408966
Sample Date	26 Jun 2024	15 Feb 2024	25 Sep 2023	12 Jun 2023
Machine Hours	8427	7887	7398	6877
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	271	338	337	333
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	2	2	1
Sodium	ppm	1	<1	0	0
Potassium	ppm	1	<1	<1	<1

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	8	30	15	14
Copper	ppm	1	0	0	0
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	2	0
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	10	<1	1	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	166	73	76	99
Magnesium	ppm	51	11	9	9
Zinc	ppm	140	62	59	80
Phosphorus	ppm	1085	1056	1178	1049
Barium	ppm	0	0	0	2
Boron	ppm	160	161	189	180

Depot: SAIBIR
Unique No: 11114023
Signed: Don Baldrige
Report Date: 10 Jul 2024



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GRAPHS

