



CONSTRUCTION EQUIPMENT

SWO-069193 VOLVO A60 A60H 340102 - BOGIE/CENTER AXLE



Sample No: VCP446748
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-069193



SAMPLE INFORMATION

Sample Number	VCP446748	VCP432081	VCP414100	VCP420410
Sample Date	01 Feb 2024	28 Sep 2023	11 Jul 2023	30 Mar 2023
Machine Hours	9767	9302	8821	8292
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	ATTENTION	ATTENTION	ATTENTION

SAIIA CONSTRUCTION LLC
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OIL CONDITION

Visc @ 40°C	cSt	250	245	247	248
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	4	4
Sodium	ppm	0	2	<1	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	81	74	74	71
Copper	ppm	<1	<1	4	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	<1	<1	0
Chromium	ppm	<1	1	2	2
Molybdenum	ppm	<1	<1	1	1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	2	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	73	70	127	67
Magnesium	ppm	10	5	6	6
Zinc	ppm	26	24	65	33
Phosphorus	ppm	946	1147	1209	1054
Barium	ppm	5	0	0	0
Boron	ppm	201	243	200	212

Depot: SAIBIR
Unique No: 10863757
Signed: Jonathan Hester
Report Date: 08 Feb 2024



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GRAPHS

