



CONSTRUCTION EQUIPMENT

SWO-06927 VOLVO A60H 350022 - REAR RIGHT FINAL DRIVE



Sample No: VCP441451
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-06927



SAMPLE INFORMATION

Sample Number	VCP441451	VCP427437	VCP400724	VCP369097
Sample Date	23 Jan 2024	27 Sep 2023	01 May 2023	29 Nov 2022
Machine Hours	7905	7399	6905	6420
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	299	298	298	298
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	1
Sodium	ppm	0	0	<1	0
Potassium	ppm	2	<1	<1	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	20	17	17	8
Copper	ppm	0	0	2	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	2	0	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	2	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	122	127	131	133
Magnesium	ppm	25	25	26	22
Zinc	ppm	97	87	92	96
Phosphorus	ppm	1082	1158	1057	982
Barium	ppm	0	0	0	0
Boron	ppm	195	182	156	161

Depot: SAIBIR
Unique No: 10849935
Signed: Don Baldrige
Report Date: 31 Jan 2024



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GRAPHS

