



CONSTRUCTION EQUIPMENT

SWO-069193 VOLVO A60H A60H 340102 - REAR RIGHT FINAL DRIVE



Sample No: VCP446962
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-069193



SAMPLE INFORMATION

Sample Number	VCP446962	VCP432279	VCP414095	VCP410123
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	251	235.7	237	239.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	3	4	5
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	85	54	57	55
Copper	ppm	<1	<1	1	<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	0	<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	76	32	46	32
Magnesium	ppm	10	5	4	4
Zinc	ppm	29	10	19	17
Phosphorus	ppm	953	1079	1211	1120
Barium	ppm	5	0	0	0
Boron	ppm	208	223	198	224

Depot: SAIBIR
Unique No: 10863756
Signed: Jonathan Hester
Report Date: 08 Feb 2024



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GRAPHS

