



CONSTRUCTION EQUIPMENT

SWO-063883 VOLVO A60H 350067 - REAR RIGHT FINAL DRIVE



Sample No: VCP417541
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-063883



SAMPLE INFORMATION

Sample Number	VCP417541	VCP408100	VCP369036	VCP354698
Sample Date	12 Jul 2023	31 Mar 2023	09 Nov 2022	02 Aug 2022
Machine Hours	5889	5382	4893	4363
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	289	285	290	292
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CONTAMINATION

Silicon	ppm	3	3	2	2
Sodium	ppm	0	0	0	0
Potassium	ppm	<1	<1	0	<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	35	24	12	8
Copper	ppm	2	2	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	3	3	2	3
Nickel	ppm	<1	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	126	116	105	109
Magnesium	ppm	20	22	21	22
Zinc	ppm	74	70	24	70
Phosphorus	ppm	999	949	883	991
Barium	ppm	0	0	0	2
Boron	ppm	166	166	168	165

Depot: SAIBIR
Unique No: 10561654
Signed: Sean Felton
Report Date: 19 Jul 2023

VOLVO **GRAPHS**

