



CONSTRUCTION EQUIPMENT

VOLVO A60H 350 190 - REAR RIGHT FINAL DRIVE



Sample No: VCP445486

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP445486	VCP447576	VCP433936	VCP383073
Sample Date	15 Apr 2024	12 Dec 2023	05 Sep 2023	05 May 2023
Machine Hours	3617	3131	2618	2128
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	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	51.4	49.4	51.1	50.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	2	3	2
Sodium	ppm	3	3	3	3
Potassium	ppm	4	1	3	3

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	121	80	105	121
Copper	ppm	2	3	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	1	0	<1	0
Chromium	ppm	2	<1	2	2
Molybdenum	ppm	3	1	2	3
Nickel	ppm	1	0	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	6	4	6	6
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	334	389	349	335
Magnesium	ppm	2	<1	3	2
Zinc	ppm	149	165	149	147
Phosphorus	ppm	2256	2245	2323	2399
Barium	ppm	1	0	0	0
Boron	ppm	290	278	300	280

Depot: SAIBIR

Unique No: 11004037

Signed: Jonathan Hester

Report Date: 01 May 2024



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VOLVO GRAPHS

