



CONSTRUCTION EQUIPMENT

SWO073151 VOLVO A60H 350021 - REAR RIGHT FINAL DRIVE



Sample No: VCP443916
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO073151



SAMPLE INFORMATION

Sample Number	VCP443916	VCP416174	VCP427487	VCP402463
Sample Date	26 Jun 2024	15 Feb 2024	25 Sep 2023	03 Mar 2023
Machine Hours	8427	7887	7398	6375
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	272	329	333	335
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	2	1	2
Sodium	ppm	1	<1	0	0
Potassium	ppm	2	<1	0	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	9	35	13	8
Copper	ppm	2	0	0	<1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	2	0
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	10	<1	1	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	198	82	78	70
Magnesium	ppm	50	13	10	7
Zinc	ppm	159	69	58	52
Phosphorus	ppm	1078	1115	1137	867
Barium	ppm	0	0	0	0
Boron	ppm	162	173	188	156

Depot: SAIBIR
Unique No: 1114022
Signed: Don Baldrige
Report Date: 10 Jul 2024



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VOLVO GRAPHS

