



CONSTRUCTION EQUIPMENT

SWO-069775 VOLVO A60H 350021 - REAR RIGHT FINAL DRIVE



Sample No: VCP416174
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-069775



SAMPLE INFORMATION

Sample Number	VCP416174	VCP427487	VCP402463	VCP366264
Sample Date	15 Feb 2024	25 Sep 2023	03 Mar 2023	03 Aug 2022
Machine Hours	7887	7398	6375	5930
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	329	333	335	266
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	1	2	2
Sodium	ppm	<1	0	0	<1
Potassium	ppm	<1	0	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	35	13	8	24
Copper	ppm	0	0	<1	<1
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	<1	1	2	7
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	82	78	70	99
Magnesium	ppm	13	10	7	31
Zinc	ppm	69	58	52	67
Phosphorus	ppm	1115	1137	867	971
Barium	ppm	0	0	0	0
Boron	ppm	173	188	156	226

Depot: SAIBIR
Unique No: 10900280
Signed: Jonathan Hester
Report Date: 29 Feb 2024



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VOLVO GRAPHS

