



CONSTRUCTION EQUIPMENT

SWO-069775 VOLVO A60H 350021 - REAR LEFT FINAL DRIVE



Sample No: VCP444457
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-069775



SAMPLE INFORMATION

Sample Number	VCP444457	VCP427446	VCP408962	VCP402447
Sample Date	15 Feb 2024	25 Sep 2023	12 Jun 2023	03 Mar 2023
Machine Hours	7887	7398	6877	6375
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	336	334	331	336
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	2
Sodium	ppm	<1	0	0	0
Potassium	ppm	<1	0	<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	34	14	11	8
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	3	0	0
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	2	2	2
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	82	89	77	69
Magnesium	ppm	12	11	10	8
Zinc	ppm	69	62	71	51
Phosphorus	ppm	1100	1141	1043	860
Barium	ppm	0	0	2	0
Boron	ppm	172	186	184	155

Depot: SAIBIR
Unique No: 10900281
Signed: Jonathan Hester
Report Date: 29 Feb 2024



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GRAPHS

