



CONSTRUCTION EQUIPMENT

SWO-071489 VOLVO A60H A60H 340 102 - FRONT LEFT FINAL DRIVE



Sample No: VCP455465
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-071489



SAMPLE INFORMATION

Sample Number	VCP455465	VCP446731	VCP432273	VCP413015
Sample Date	25 Apr 2024	01 Feb 2024	28 Sep 2023	11 Jul 2023
Machine Hours	10205	9767	9302	8821
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ATTENTION	ATTENTION

SAIIA CONSTRUCTION LLC
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OIL CONDITION

Visc @ 40°C	cSt	263	250	249	249
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	4	5
Sodium	ppm	<1	0	2	<1
Potassium	ppm	0	1	<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	14	80	73	65
Copper	ppm	0	<1	<1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	2	<1	<1
Chromium	ppm	0	<1	2	2
Molybdenum	ppm	10	<1	1	1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	168	60	59	69
Magnesium	ppm	50	8	6	7
Zinc	ppm	123	17	21	32
Phosphorus	ppm	1003	943	1171	1166
Barium	ppm	0	5	0	0
Boron	ppm	165	205	255	193

Depot: SAIBIR
Unique No: 11005563
Signed: Jonathan Hester
Report Date: 03 May 2024



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VOLVO GRAPHS

