



CONSTRUCTION EQUIPMENT

SWO-071489 VOLVO A60H A60H 340 102 - REAR RIGHT FINAL DRIVE



Sample No: VCP455467
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-071489



SAMPLE INFORMATION

Sample Number	VCP455467	VCP446962	VCP432279	VCP414095
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
 4400 LEWISBURG RD
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OIL CONDITION

Visc @ 40°C	cSt	261	251	235.7	237
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	5	3	4
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	85	54	57
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	1	2
Molybdenum	ppm	9	<1	<1	<1
Nickel	ppm	0	0	<1	0
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	154	76	32	46
Magnesium	ppm	46	10	5	4
Zinc	ppm	116	29	10	19
Phosphorus	ppm	990	953	1079	1211
Barium	ppm	0	5	0	0
Boron	ppm	165	208	223	198

Depot: SAIBIR
Unique No: 11005568
Signed: Jonathan Hester
Report Date: 03 May 2024



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GRAPHS

