



CONSTRUCTION EQUIPMENT

SWO-071489 VOLVO A60 A60H 340102 - REAR AXLE



Sample No: VCP455464
Oil Type: GEAR OIL SAE 75W90
Job No: SWO-071489



SAMPLE INFORMATION

Sample Number	VCP455464	VCP446749	VCP431988	VCP414282
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
 BIRMINGHAM, AL
 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	260	240	237	238
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	4	5	4
Sodium	ppm	<1	0	2	0
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	62	71	56
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	9	<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	153	43	34	40
Magnesium	ppm	47	9	3	4
Zinc	ppm	117	12	8	17
Phosphorus	ppm	1005	951	1208	1219
Barium	ppm	0	5	0	0
Boron	ppm	168	198	260	198

Depot: SAIBIR
Unique No: 11005570
Signed: Jonathan Hester
Report Date: 03 May 2024



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VOLVO GRAPHS

