



CONSTRUCTION EQUIPMENT

41614 D AND L SITE VOLVO A30G 753380 - FRONT AXLE



Sample No: VCP447074
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 41614 D AND L SITE



SAMPLE INFORMATION

Sample Number	VCP447074	VCP416530	---	---
Sample Date	02 Apr 2024	15 Nov 2023	---	---
Machine Hours	1083	622	---	---
Oil Hours	0	600	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---

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 US 29033
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OIL CONDITION

Visc @ 40°C	cSt	58.7	94.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	6	---	---
Sodium	ppm	1	0	---	---
Potassium	ppm	0	6	---	---



WEAR METALS

Iron	ppm	94	192	---	---
Copper	ppm	10	20	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	1	---	---
Chromium	ppm	1	5	---	---
Molybdenum	ppm	1	6	---	---
Nickel	ppm	0	3	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	11	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	157	472	---	---
Magnesium	ppm	0	2	---	---
Zinc	ppm	59	201	---	---
Phosphorus	ppm	2154	1309	---	---
Barium	ppm	0	0	---	---
Boron	ppm	272	311	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO0013
Unique No: 10966527
Signed: Don Baldrige
Report Date: 10 Apr 2024



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GRAPHS

