



CONSTRUCTION EQUIPMENT

24281 VOLVO A30G 740267 - FRONT AXLE



Sample No: VCP416532
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 24281



SAMPLE INFORMATION

Sample Number	VCP416532	VCP308896	VCP278507	---
Sample Date	01 Nov 2023	08 May 2021	16 Oct 2020	---
Machine Hours	5992	4158	3653	---
Oil Hours	1000	0	0	---
Oil Changed	N/A	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

SANDERS BROTHERS CONSTRUCTION
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OIL CONDITION

Visc @ 40°C	cSt	73.3	53.9	260	---
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CONTAMINATION

Silicon	ppm	7	<1	20	---
Sodium	ppm	2	2	1	---
Potassium	ppm	<1	<1	17	---



WEAR METALS

Iron	ppm	92	<1	77	---
Copper	ppm	12	0	9	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	0	3	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	1	2	3	---
Nickel	ppm	<1	<1	1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	1	0	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	32	56	36	---
Magnesium	ppm	4	9	<1	---
Zinc	ppm	24	23	13	---
Phosphorus	ppm	1871	2413	844	---
Barium	ppm	0	0	0	---
Boron	ppm	223	290	149	---

Diagnosis

The filter 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 condition of the oil is acceptable for the time in service.

Depot: SANNOR
Unique No: 10727751
Signed: Angela Borella
Report Date: 08 Nov 2023



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GRAPHS

