



CONSTRUCTION EQUIPMENT

SWO134242 WOODS VOLVO A60H 350204 - FRONT AXLE



Sample No: VCP413751
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SWO134242 WOODS



SAMPLE INFORMATION

Sample Number	VCP413751	---	---	---
Sample Date	25 Jan 2024	---	---	---
Machine Hours	2840	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

THE GW VAN KEPPEL COMPANY

8233 WEST RENO
 OKLAHOMA CITY, OK
 US 73127

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OIL CONDITION

Visc @ 40°C	cSt	█ 120	---	---	---
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CONTAMINATION

Water	%	█ 2.50	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 379	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 114	---	---	---
Magnesium	ppm	█ 41	---	---	---
Zinc	ppm	█ 84	---	---	---
Phosphorus	ppm	█ 916	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	48	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0052
Unique No: 10859294
Signed: Don Baldrige
Report Date: 03 Feb 2024



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GRAPHS

