



CONSTRUCTION EQUIPMENT

SWA092698 GOLF RENT VOLVO L30GS 3220275 - FRONT AXLE



Sample No: VCP386713
Oil Type: GEAR OIL SAE 85W90
Job No: SWA092698 GOLF RENT



SAMPLE INFORMATION

Sample Number	VCP386713	VCP312528	---	---
Sample Date	01 Nov 2022	28 Dec 2021	---	---
Machine Hours	5081	4221	---	---
Oil Hours	5081	4221	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	SEVERE	SEVERE	---	---

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US 33905
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OIL CONDITION

Visc @ 40°C	cSt	216	179	---	---
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CONTAMINATION

Water	%	5.06	5.74	---	---
Silicon	ppm	8	11	---	---
Sodium	ppm	0	9	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	133	219	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	2	<1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	3	1	---	---
Nickel	ppm	0	1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	69	52	---	---
Magnesium	ppm	19	10	---	---
Zinc	ppm	66	54	---	---
Phosphorus	ppm	1156	1362	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	174	244	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. Appearance is milky. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0090
Unique No: 10206270
Signed: Don Baldrige
Report Date: 09 Nov 2022



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GRAPHS

