



CONSTRUCTION EQUIPMENT

WASTE CONNECTIONS VOLVO L35GS 3424291 - REAR AXLE



Sample No: VCP439870
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: WASTE CONNECTIONS



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SAMPLE INFORMATION

Sample Number	VCP439870	VCP432436	---	---
Sample Date	03 Jul 2024	08 Nov 2023	---	---
Machine Hours	13683	12420	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	MARGINAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	268	291	---	---
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CONTAMINATION

Water	%	NEG	0.209	---	---
Silicon	ppm	13	8	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	1	<1	---	---



WEAR METALS

Iron	ppm	83	164	---	---
Copper	ppm	3	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	<1	---	---
Chromium	ppm	<1	2	---	---
Molybdenum	ppm	5	4	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	99	114	---	---
Magnesium	ppm	57	0	---	---
Zinc	ppm	112	43	---	---
Phosphorus	ppm	1035	1087	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	172	120	---	---

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.

Depot: VOLVO0093
Unique No: 11124072
Signed: Sean Felton
Report Date: 15 Jul 2024



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GRAPHS

