



CONSTRUCTION EQUIPMENT

536961 VOLVO SD115 236019 - REAR AXLE



Sample No: VCP446770
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 536961



SAMPLE INFORMATION

Sample Number	VCP446770	VCP412767	VCP385162	---
Sample Date	16 Apr 2024	11 Aug 2023	24 Oct 2022	---
Machine Hours	564	5001	4470	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	ATTENTION	ATTENTION	NORMAL	---

WLW CONSTRUCTION
 PO BOX 377
 MT DORA, FL
 US 32756-0377
 Contact: ELAINE STULTZ
 elaine@wlwconstruction.com
 T: (352)383-7305
 F:



OIL CONDITION

Visc @ 40°C	cSt	81.1	95.1	115	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	10	10	---
Sodium	ppm	2	2	0	---
Potassium	ppm	1	0	2	---

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



WEAR METALS

Iron	ppm	126	122	126	---
Copper	ppm	5	4	3	---
Lead	ppm	0	<1	2	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	0	1	---
Chromium	ppm	<1	1	1	---
Molybdenum	ppm	8	4	4	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	797	828	678	---
Magnesium	ppm	39	29	20	---
Zinc	ppm	441	424	338	---
Phosphorus	ppm	686	715	745	---
Barium	ppm	0	0	4	---
Boron	ppm	39	38	38	---

Depot: WLWMOU
Unique No: 10994870
Signed: Jonathan Hester
Report Date: 26 Apr 2024



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GRAPHS

