



CONSTRUCTION EQUIPMENT

SWA512294-10 LIBERTY GENIE S125 S12511-3151 - REAR LEFT FINAL DRIVE



Sample No: VCP438102
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SWA512294-10 LIBERTY



SAMPLE INFORMATION

Sample Number	VCP438102	---	---	---
Sample Date	09 Apr 2024	---	---	---
Machine Hours	2744	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
BLOOMINGTON, IL
US 61705
Contact: MIKE MARTIN
mike.martin@altaequipment.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 147	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 453	---	---	---
Copper	ppm	▲ 157	---	---	---
Lead	ppm	▲ 123	---	---	---
Tin	ppm	█ 8	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 12	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 169	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 115	---	---	---
Phosphorus	ppm	█ 1343	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 57	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO5054
Unique No: 10979141
Signed: Sean Felton
Report Date: 17 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

