



CONSTRUCTION EQUIPMENT

392231 VOLVO L90B 61843 - REAR AXLE



Sample No: VCP394291
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 392231



SAMPLE INFORMATION

Sample Number	VCP394291	---	---	---
Sample Date	21 Feb 2024	---	---	---
Machine Hours	24721	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
 Contact: Perry Doyle
 pdoyle@strongco.com
 T: (403)391-3520
 F: (403)346-3487

OIL CONDITION

Visc @ 40°C	cSt	84.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	22	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	<1	---	---	---

WEAR METALS

Iron	ppm	79	---	---	---
Copper	ppm	59	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	29	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	24	---	---	---
Phosphorus	ppm	1292	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	152	---	---	---

Diagnosis
 Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO9652
Unique No: 5734608
Signed: Wes Davis
Report Date: 22 Feb 2024



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GRAPHS

