



CONSTRUCTION EQUIPMENT

392231 VOLVO L90B 61843 - TRANSMISSION (MANUAL)



Sample No: VCP380417
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 392231



SAMPLE INFORMATION

Sample Number	VCP380417	---	---	---
Sample Date	21 Feb 2024	---	---	---
Machine Hours	24721	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

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	█ 102	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	● 187	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 14	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 2920	---	---	---
Magnesium	ppm	█ 131	---	---	---
Zinc	ppm	█ 1202	---	---	---
Phosphorus	ppm	█ 1037	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 72	---	---	---

Diagnosis

The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Lead ppm levels are severe. Clutch disc wear indicated. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO9652
Unique No: 5734559
Signed: Kevin Marson
Report Date: 23 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

