



CONSTRUCTION EQUIPMENT

314854 VOLVO G746B 36682 - TRANSMISSION (MANUAL)



Sample No: VCP349542
Oil Type: SAE 0W40
Job No: 314854



SAMPLE INFORMATION

Sample Number	VCP349542	---	---	---
Sample Date	27 May 2022	---	---	---
Machine Hours	8472	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW

Acheson, AB

CA T7X 6C2

Contact: Jonathan Morton

jmorton@strongco.com

T: (780)464-1909

F: (780)464-0434



OIL CONDITION

Visc @ 40°C	cSt	▲ 49.1	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 6	---	---	---



WEAR METALS

Iron	ppm	■ 22	---	---	---
Copper	ppm	■ 26	---	---	---
Lead	ppm	■ 21	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

Calcium	ppm	■ 2333	---	---	---
Magnesium	ppm	■ 7	---	---	---
Zinc	ppm	■ 1194	---	---	---
Phosphorus	ppm	■ 1097	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 48	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 10W range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO3908
Unique No: 5410063
Signed: Kevin Marson
Report Date: 08 Jun 2022



CONSTRUCTION EQUIPMENT



GRAPHS

