



CONSTRUCTION EQUIPMENT

314854 VOLVO G746B 36682 - REAR AXLE



Sample No: VCP347388

Oil Type: SAE 80W90

Job No: 314854



SAMPLE INFORMATION

Sample Number	VCP347388	---	---	---
Sample Date	27 May 2022	---	---	---
Machine Hours	8472	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



STRONGCO EQUIPMENT-EDMONTON

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OIL CONDITION

Visc @ 40°C	cSt	▲ 65.3	---	---	---
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CONTAMINATION

Silicon	ppm	■ 30	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

PQ		680	---	---	---
Iron	ppm	■ 656	---	---	---
Copper	ppm	68	---	---	---
Lead	ppm	■ 18	---	---	---
Tin	ppm	■ 7	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2465	---	---	---
Magnesium	ppm	■ 8	---	---	---
Zinc	ppm	962	---	---	---
Phosphorus	ppm	■ 1157	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 135	---	---	---

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. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

Depot: VOLVO3908

Unique No: 5410102

Signed: Kevin Marson

Report Date: 08 Jun 2022



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VOLVO GRAPHS

