



CONSTRUCTION EQUIPMENT

225088 CEDAR GROOVE VOLVO L180H 542Z - FRONT AXLE



Sample No: VCP426766
Oil Type: TDH FLUID SAE 70W80
Job No: 225088 CEDAR GROOVE



SAMPLE INFORMATION

Sample Number	VCP426766	---	---	---
Sample Date	17 Aug 2023	---	---	---
Machine Hours	3060	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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8207 SOUTH 216TH STREET
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US 98032
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OIL CONDITION

Visc @ 40°C	cSt	■ 39.9	---	---	---
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CONTAMINATION

Silicon	ppm	■ 13	---	---	---
Sodium	ppm	■ 10	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 168	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 3613	---	---	---
Magnesium	ppm	■ 16	---	---	---
Zinc	ppm	■ 1466	---	---	---
Phosphorus	ppm	■ 1258	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 133	---	---	---

Depot: VOLVO1271
Unique No: 10619185
Signed: Don Baldrige
Report Date: 26 Aug 2023



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GRAPHS

