



CONSTRUCTION EQUIPMENT

WST CONN VOLVO L35GS 3424291 - FRONT AXLE



Sample No: VCP429652
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: WST CONN



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP429652	---	---	---
Sample Date	18 Dec 2023	---	---	---
Machine Hours	12495	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	▲ 231	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---



WEAR METALS

Iron	ppm	■ 46	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

Calcium	ppm	■ 261	---	---	---
Magnesium	ppm	■ 63	---	---	---
Zinc	ppm	■ 172	---	---	---
Phosphorus	ppm	■ 1109	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 140	---	---	---

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 oil viscosity is higher than normal. Confirm oil type.

Depot: VOLVO0093
Unique No: 10829788
Signed: Don Baldrige
Report Date: 14 Jan 2024



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GRAPHS

