



CONSTRUCTION EQUIPMENT

661207 GENERAL RV VOLVO L20H 1220266 - FRONT AXLE



Sample No: VCP441528
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 661207 GENERAL RV



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP441528	---	---	---
Sample Date	24 Feb 2024	---	---	---
Machine Hours	6045	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 54.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ 18	---	---	---
Potassium	ppm	■ 4	---	---	---



WEAR METALS

Iron	ppm	▲ 596	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 9	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 23	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 3598	---	---	---
Magnesium	ppm	■ 12	---	---	---
Zinc	ppm	● 1497	---	---	---
Phosphorus	ppm	■ 1129	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 113	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO0093
Unique No: 10901581
Signed: Sean Felton
Report Date: 01 Mar 2024



CONSTRUCTION EQUIPMENT



GRAPHS

