



CONSTRUCTION EQUIPMENT

674765 LAKE CONWAY VOLVO L30G 3224500 - FRONT AXLE



Sample No: VCP443259
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 674765 LAKE CONWAY



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	VCP443259	---	---	---
Sample Date	16 Feb 2024	---	---	---
Machine Hours	2584	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 205	---	---	---
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CONTAMINATION

Water	%	▲ 0.334	---	---	---
Silicon	ppm	█ 30	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 256	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 12	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 77	---	---	---
Magnesium	ppm	█ 15	---	---	---
Zinc	ppm	█ 105	---	---	---
Phosphorus	ppm	█ 2051	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 9	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10888748
Signed: Sean Felton
Report Date: 23 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

