



CONSTRUCTION EQUIPMENT

74848 LAKE CONWAY VOLVO L20H 1220189 - REAR AXLE



Sample No: VCP445686
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 74848 LAKE CONWAY



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP445686	VCP346556	---	---
Sample Date	20 Feb 2024	02 Mar 2022	---	---
Machine Hours	3401	2089	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 178	● 51.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 13	█ 28	---	---
Sodium	ppm	█ 4	█ 9	---	---
Potassium	ppm	█ 1	█ 2	---	---



WEAR METALS

Iron	ppm	█ 109	█ 202	---	---
Copper	ppm	█ 2	█ 3	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ 1	---	---
Chromium	ppm	█ 2	█ 4	---	---
Molybdenum	ppm	█ 3	█ <1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 6	█ 14	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 1176	● 3722	---	---
Magnesium	ppm	█ 21	█ 5	---	---
Zinc	ppm	█ 644	● 1604	---	---
Phosphorus	ppm	█ 1330	█ 1248	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 121	█ 116	---	---

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.

Depot: VOLVO0093
Unique No: 10901567
Signed: Sean Felton
Report Date: 01 Mar 2024



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GRAPHS

