



CONSTRUCTION EQUIPMENT

74848 LAKE CONWAY VOLVO L20H 1220189 - FRONT AXLE



Sample No: VCP446888
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 74848 LAKE CONWAY



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SAMPLE INFORMATION

Sample Number	VCP446888	VCP346609	---	---
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	258	52.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	6	13	---	---
Sodium	ppm	2	9	---	---
Potassium	ppm	1	2	---	---



WEAR METALS

Iron	ppm	166	362	---	---
Copper	ppm	1	3	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	2	6	---	---
Molybdenum	ppm	4	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	20	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	469	3764	---	---
Magnesium	ppm	19	5	---	---
Zinc	ppm	220	1623	---	---
Phosphorus	ppm	1104	1265	---	---
Barium	ppm	0	0	---	---
Boron	ppm	133	117	---	---

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: 10901601
Signed: Wes Davis
Report Date: 29 Feb 2024



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GRAPHS

