



CONSTRUCTION EQUIPMENT

CARGILL 389044 VOLVO L120H 16705 - FRONT AXLE



Sample No: VCP392408
Oil Type: VOLVO WB 102
Job No: 389044



SAMPLE INFORMATION

Sample Number	VCP392408	VCP334096	---	---
Sample Date	27 Dec 2023	21 Oct 2022	---	---
Machine Hours	2906	1294	---	---
Oil Hours	0	294	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT-EDMONTON

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OIL CONDITION

Visc @ 40°C	cSt	51.0	54.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	9	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	<1	<1	---	---



WEAR METALS

Iron	ppm	54	41	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	<1	1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	2809	3120	---	---
Magnesium	ppm	6	11	---	---
Zinc	ppm	1250	1264	---	---
Phosphorus	ppm	1045	1121	---	---
Barium	ppm	0	0	---	---
Boron	ppm	15	17	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO3908
Unique No: 5708332
Signed: Kevin Marson
Report Date: 09 Jan 2024



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GRAPHS

