



CONSTRUCTION EQUIPMENT

136102 VOLVO L220H 3548 - FRONT AXLE



Sample No: VCP442486
Oil Type: TDTO FLUID SAE 20
Job No: 136102



SAMPLE INFORMATION

Sample Number	VCP442486	VCP443224	VCP431192	---
Sample Date	17 Apr 2024	04 Mar 2024	12 Dec 2023	---
Machine Hours	1464	1125	496	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
 SCURRY, TX
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 Contact: WALLACE WARREN
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	54.4	52.4	54.2	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	12	17	18	---
Sodium	ppm	0	2	2	---
Potassium	ppm	0	2	<1	---



WEAR METALS

Iron	ppm	108	316	211	---
Copper	ppm	<1	2	2	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	<1	2	2	---
Chromium	ppm	1	3	2	---
Molybdenum	ppm	4	6	6	---
Nickel	ppm	0	2	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	4	4	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	2475	2459	2709	---
Magnesium	ppm	16	14	17	---
Zinc	ppm	1059	1124	1229	---
Phosphorus	ppm	839	962	1055	---
Barium	ppm	0	0	0	---
Boron	ppm	3	4	4	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDTO FLUID SAE 20. Please confirm. 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: LATSCU
Unique No: 10991809
Signed: Wes Davis
Report Date: 23 Apr 2024



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GRAPHS

