



CONSTRUCTION EQUIPMENT

136102 VOLVO L220H 3548 - REAR AXLE



Sample No: VCP442489
Oil Type: TDTO FLUID SAE 20
Job No: 136102



SAMPLE INFORMATION

Sample Number	VCP442489	VCP443221	VCP431187	---
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	53.1	43.0	47.2	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	12	11	---
Sodium	ppm	0	2	2	---
Potassium	ppm	0	2	<1	---



WEAR METALS

Iron	ppm	21	57	33	---
Copper	ppm	<1	<1	1	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	2	1	---
Molybdenum	ppm	4	2	1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	3	2	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	2650	3544	3792	---
Magnesium	ppm	16	12	11	---
Zinc	ppm	1119	1538	1587	---
Phosphorus	ppm	867	1275	1313	---
Barium	ppm	0	0	0	---
Boron	ppm	15	119	125	---

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: 10991810
Signed: Wes Davis
Report Date: 23 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

