



CONSTRUCTION EQUIPMENT

X58584 VOLVO L220H 003442 - FRONT AXLE



Sample No: VCP426114
Oil Type: TDTO FLUID SAE 20
Job No: X58584



SCOTT EQUIPMENT COMPANY LLC - Saint Rose
PO BOX 997
SAINT ROSE, LA
US 70087
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SAMPLE INFORMATION

Sample Number	VCP426114	VCP384435	---	---
Sample Date	21 Sep 2023	30 Mar 2023	---	---
Machine Hours	4161	2097	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	57.9	53.7	---	---
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CONTAMINATION

Silicon	ppm	16	14	---	---
Sodium	ppm	0	3	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	35	45	---	---
Copper	ppm	1	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3376	3601	---	---
Magnesium	ppm	8	16	---	---
Zinc	ppm	1200	1327	---	---
Phosphorus	ppm	1071	1134	---	---
Barium	ppm	0	0	---	---
Boron	ppm	10	33	---	---

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: SCOSAI
Unique No: 10662695
Signed: Wes Davis
Report Date: 27 Sep 2023



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GRAPHS

