



CONSTRUCTION EQUIPMENT

SW1027392 CUSTOM LS VOLVO L220H 3310 - TRANSMISSION



Sample No: VCP441023
Oil Type: ATF
Job No: SW1027392 CUSTOM LS



SAMPLE INFORMATION

Sample Number	VCP441023	---	---	---
Sample Date	08 Dec 2023	---	---	---
Machine Hours	5870	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ARNOLD MACHINERY COMPANY
 4323 EAST WINSLOW AVENUE
 PHOENIX, AZ
 US 85040
 Contact: RANDY PRZEKURAT
 randyp@arnoldmachinery.com
 T:
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OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	■ 4	---	---	---
Copper	ppm	■ 38	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	▲ 42	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	▲ 1138	---	---	---
Magnesium	ppm	▲ 407	---	---	---
Zinc	ppm	▲ 869	---	---	---
Phosphorus	ppm	▲ 825	---	---	---
Barium	ppm	▲ 0	---	---	---
Boron	ppm	■ 38	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is higher than normal. Additive levels indicate the addition of a different brand, or type of fluid. Confirm oil type.

Depot: VOLVO6174
Unique No: 10793490
Signed: Jonathan Hester
Report Date: 20 Dec 2023



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VOLVO GRAPHS

