



CONSTRUCTION EQUIPMENT

TREMRON VOLVO L90F 028721 - TRANSMISSION (AUTO)



Sample No: VCP428843

Oil Type: DEXRON III

Job No: TREMRON



SAMPLE INFORMATION

Sample Number	VCP428843	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	21226	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	MARGINAL	---	---	---



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OIL CONDITION

Visc @ 40°C	cSt	█ 28.6	---	---	---
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CONTAMINATION

Water	%	▲ 0.129	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 25	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 12	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 67	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 50	---	---	---
Phosphorus	ppm	█ 190	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 85	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10871468
Signed: Don Baldrige
Report Date: 11 Feb 2024



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GRAPHS

