



CONSTRUCTION EQUIPMENT

SPM538832 WHEELER DA VOLVO L90H 626490 - FRONT AXLE



Sample No: VCP406928
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM538832 WHEELER DA



SAMPLE INFORMATION

Sample Number	VCP406928	---	---	---
Sample Date	14 Apr 2023	---	---	---
Machine Hours	1006	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 40.9	---	---	---
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CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 11	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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.



WEAR METALS

Iron	ppm	█ 53	---	---	---
Copper	ppm	█ 14	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 4061	---	---	---
Magnesium	ppm	█ 14	---	---	---
Zinc	ppm	█ 1716	---	---	---
Phosphorus	ppm	█ 1422	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 120	---	---	---

Depot: VOLVO5023
Unique No: 10444406
Signed: Jonathan Hester
Report Date: 02 May 2023



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GRAPHS

