



CONSTRUCTION EQUIPMENT

12829 VOLVO L180H 4055 - FRONT AXLE



Sample No: VCP442475
Oil Type: VOLVO WB 102
Job No: 12829



SAMPLE INFORMATION

Sample Number	VCP442475	---	---	---
Sample Date	09 May 2024	---	---	---
Machine Hours	8421	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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 7829 LEE HWY
 CHATTANOOGA, TN
 US 37421
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OIL CONDITION

Visc @ 40°C	cSt	█ 40.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

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	█ 136	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 4044	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 1632	---	---	---
Phosphorus	ppm	█ 1378	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 152	---	---	---

Depot: VOLVO0117
Unique No: 11031761
Signed: Wes Davis
Report Date: 16 May 2024



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GRAPHS

