



CONSTRUCTION EQUIPMENT

623769 SYNDERGY VOLVO L70H 623769 - REAR AXLE



Sample No: VCP446086
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 623769 SYNDERGY



SAMPLE INFORMATION

Sample Number	VCP446086	VCP440379	---	---
Sample Date	03 Apr 2024	05 Oct 2023	---	---
Machine Hours	3496	3003	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 39.6	● 103	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 17	■ 12	---	---
Sodium	ppm	■ 6	■ 3	---	---
Potassium	ppm	■ 0	■ 3	---	---

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	■ 132	■ 49	---	---
Copper	ppm	■ 39	■ 5	---	---
Lead	ppm	■ 0	■ 2	---	---
Tin	ppm	■ 4	■ 2	---	---
Aluminum	ppm	■ <1	■ 18	---	---
Chromium	ppm	■ 5	■ 2	---	---
Molybdenum	ppm	■ 4	■ 44	---	---
Nickel	ppm	■ 0	■ <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 10	■ 2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	■ 4100	■ 1763	---	---
Magnesium	ppm	■ 14	■ 544	---	---
Zinc	ppm	■ 1640	■ 1248	---	---
Phosphorus	ppm	■ 1387	■ 946	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 134	■ 14	---	---

Depot: VOLVO0096
Unique No: 10966531
Signed: Wes Davis
Report Date: 09 Apr 2024



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VOLVO GRAPHS

