



CONSTRUCTION EQUIPMENT

X59518 VOLVO L180H 5662 - REAR AXLE



Sample No: VCP437391
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: X59518



SAMPLE INFORMATION

Sample Number	VCP437391	---	---	---
Sample Date	24 Apr 2024	---	---	---
Machine Hours	1261	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 41.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 152	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3810	---	---	---
Magnesium	ppm	█ 10	---	---	---
Zinc	ppm	█ 1520	---	---	---
Phosphorus	ppm	█ 1290	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 131	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for possible wear. Resample at the next service interval to monitor. High concentration of visible metal present. 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.

Depot: SCOSAI
Unique No: 11004040
Signed: Jonathan Hester
Report Date: 01 May 2024



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GRAPHS

