



CONSTRUCTION EQUIPMENT

SW-22475-15 SUNROL VOLVO A40F 11398 - REAR AXLE



Sample No: VCP414474
Oil Type: NOT GIVEN
Job No: SW-22475-15 SUNROL



SAMPLE INFORMATION

Sample Number	VCP414474	---	---	---
Sample Date	31 Aug 2023	---	---	---
Machine Hours	12017	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 53.5	---	---	---
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CONTAMINATION

Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	▲ 479	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	21	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	90	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	74	---	---	---
Phosphorus	ppm	2488	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	212	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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: VOLVO8770
Unique No: 10635549
Signed: Don Baldrige
Report Date: 10 Sep 2023



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GRAPHS

