



CONSTRUCTION EQUIPMENT

X29209 VOLVO A35F 10098 - DROP BOX



Sample No: VCP381274
Oil Type: GEAR OIL SAE 80W90
Job No: X29209



SAMPLE INFORMATION

Sample Number	VCP381274	---	---	---
Sample Date	22 Apr 2024	---	---	---
Machine Hours	9935	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 144	---	---	---
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CONTAMINATION

Water	%	▲ 0.371	---	---	---
Silicon	ppm	█ 30	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 89	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 48	---	---	---
Magnesium	ppm	█ 23	---	---	---
Zinc	ppm	█ 26	---	---	---
Phosphorus	ppm	█ 382	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 18	---	---	---

Diagnosis

We advise that you check for the source of water entry. Resample at the next service interval to monitor. All component wear rates are normal. Appearance is hazy. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO2603
Unique No: 10994852
Signed: Jonathan Hester
Report Date: 26 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

