



CONSTRUCTION EQUIPMENT

VOLVO A45 353645 - DROP BOX



Sample No: VCP382720
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP382720	---	---	---
Sample Date	21 Nov 2023	---	---	---
Machine Hours	501	---	---	---
Oil Hours	501	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

DUNN CONSTRUCTION INC
 318 N 14TH ST
 BELLEVUE, IA
 US 52031
 Contact: STEVE DUNN
 DUNNCONSTRUCTINC@GMAIL.COM
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	▲ 50.6	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 30	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 5	---	---	---

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 oil viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	■ 47	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 36	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 48	---	---	---
Phosphorus	ppm	■ 2166	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 169	---	---	---

Depot: DUNBEL
Unique No: 10765662
Signed: Don Baldrige
Report Date: 03 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

