



CONSTRUCTION EQUIPMENT

SPM593813 VOLVO L90E 2800Z - FRONT AXLE



Sample No: VCP415255
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM593813



SAMPLE INFORMATION

Sample Number	VCP415255	VCP377923	---	---
Sample Date	25 Aug 2023	24 May 2022	---	---
Machine Hours	22201	20455	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	MARGINAL	NORMAL	---	---

VICTORY AUTO WRECKERS
 710 EAST GREEN STREET
 BENSENVILLE, IL
 US 60196
 Contact: SERVICE MANAGER

OIL CONDITION

Visc @ 40°C	cSt	42.1	40.2	---	---
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T: (630)860-2000
 F:

CONTAMINATION

Water	%	0.349	---	---	---
Silicon	ppm	11	11	---	---
Sodium	ppm	3	0	---	---
Potassium	ppm	2	1	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	20	109	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	2	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	3975	3939	---	---
Magnesium	ppm	11	14	---	---
Zinc	ppm	1602	1625	---	---
Phosphorus	ppm	1317	1290	---	---
Barium	ppm	2	0	---	---
Boron	ppm	154	121	---	---

Depot: VICBEN
Unique No: 10633247
Signed: Don Baldrige
Report Date: 07 Sep 2023



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GRAPHS

