



CONSTRUCTION EQUIPMENT

41782 COVIA - TRANSMISSION



Sample No: VCP447643
Oil Type: VOLVO 10W40
Job No: 41782 COVIA



215 - ASCENDUM MACHINERY INC - CAYCE
 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
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SAMPLE INFORMATION

Sample Number	VCP447643	VCP239740	---	---
Sample Date	20 May 2024	24 Apr 2020	---	---
Machine Hours	4333	0	---	---
Oil Hours	0	2000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	72.5	78.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	9	8	---	---
Sodium	ppm	8	17	---	---
Potassium	ppm	3	2	---	---



WEAR METALS

Iron	ppm	30	19	---	---
Copper	ppm	56	29	---	---
Lead	ppm	76	60	---	---
Tin	ppm	4	0	---	---
Aluminum	ppm	6	3	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	42	45	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	1	---	---
Silver	ppm	1	<1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	1856	1668	---	---
Magnesium	ppm	522	677	---	---
Zinc	ppm	1158	981	---	---
Phosphorus	ppm	897	845	---	---
Barium	ppm	0	0	---	---
Boron	ppm	86	64	---	---

Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The lead level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0013
Unique No: 11046405
Signed: Sean Felton
Report Date: 28 May 2024



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GRAPHS

