



CONSTRUCTION EQUIPMENT

SPM674733 CATERPILLAR D8T KPZO 1336 - LEFT FINAL DRIVE



Sample No: VCP429200
Oil Type: TDTO FLUID SAE 50
Job No: SPM674733



SAMPLE INFORMATION

Sample Number	VCP429200	VCP420665	---	---
Sample Date	12 Apr 2024	25 Aug 2023	---	---
Machine Hours	11275	9433	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---

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 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	51.3	181	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	15	---	---
Sodium	ppm	5	0	---	---
Potassium	ppm	<1	2	---	---



WEAR METALS

Iron	ppm	14	68	---	---
Copper	ppm	34	10	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	0	1	---	---
Molybdenum	ppm	0	2	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3281	3116	---	---
Magnesium	ppm	15	22	---	---
Zinc	ppm	1359	1286	---	---
Phosphorus	ppm	1175	1071	---	---
Barium	ppm	0	2	---	---
Boron	ppm	128	3	---	---

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 no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO8885
Unique No: 10990246
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

