



CONSTRUCTION EQUIPMENT

WT0716 VCP 432353 - WT0716 (S/N NOT GIVEN) - REAR DIFFERENTIAL



Sample No: VCP432353
Oil Type: GEAR OIL SAE 80W140
Job No: WT0716



SAMPLE INFORMATION

Sample Number	VCP432353	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	9440	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

COWIN EQUIPMENT COMPANY INC

1501 HWY 78 EAST
 OXFORD, AL
 US 36203
 Contact: MITCHELL WRIGHT
 mwright@cowin.com
 T:
 F: (256)831-4295



OIL CONDITION

Visc @ 40°C	cSt	█ 304	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W140. Please confirm.

Please specify the component make and model with your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 11	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 133	---	---	---
Magnesium	ppm	30	---	---	---
Zinc	ppm	█ 74	---	---	---
Phosphorus	ppm	█ 1057	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 187	---	---	---

Depot: COWOXF
Unique No: 10789003
Signed: Wes Davis
Report Date: 14 Dec 2023

VOLVO **GRAPHS**

