



CONSTRUCTION EQUIPMENT

SW0069079 GADSDEN VOLVO L450H 1015 - REAR AXLE



Sample No: VCP383719
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: SW0069079 GADSDEN



SAMPLE INFORMATION

Sample Number	VCP383719	---	---	---
Sample Date	18 Jan 2024	---	---	---
Machine Hours	7	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY
 BIRMINGHAM, AL
 US 35217
 Contact: TIM JENKINS
 tjenkins@cowin.com
 T: (205)856-4008
 F: (205)856-2106



OIL CONDITION

Visc @ 40°C	cSt	█ 42.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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	█ 57	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3783	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 1605	---	---	---
Phosphorus	ppm	█ 1257	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 127	---	---	---

Depot: VOLVO8528
Unique No: 10858225
Signed: Sean Felton
Report Date: 02 Feb 2024



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GRAPHS

