



CONSTRUCTION EQUIPMENT

VOLVO EC480 315364 - FRONT LEFT FINAL DRIVE



Sample No: VCP430278
Oil Type: VOLVO GEAR
Job No:



SAMPLE INFORMATION

Sample Number	VCP430278	---	---	---
Sample Date	30 Jan 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

COWIN EQUIPMENT COMPANY

P.O. DRAWER 9367
MONTGOMERY, AL
US 36108

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OIL CONDITION

Visc @ 40°C	cSt	█ 172	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 266	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	10	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	257	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO8532
Unique No: 10872520
Signed: Don Baldrige
Report Date: 12 Feb 2024

VOLVO GRAPHS

