



CONSTRUCTION EQUIPMENT

VOLVO A40G 352361 - REAR AXLE



Sample No: VCP454611
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP454611	VCP295558	---	---
Sample Date	12 Apr 2024	01 Dec 2020	---	---
Machine Hours	3829	899	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

BALFOUR BEATTY INFRASTRUCTURE INC
 6701 OLD PLANK RD
 PARKTON, NC
 US 28371
 Contact: Service Manager

OIL CONDITION

Visc @ 40°C	cSt	50.0	52.3	---	---
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T:
F:

CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	<1	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	0	4	---	---

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	129	259	---	---
Copper	ppm	<1	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	6	4	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	6	11	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	48	50	---	---
Magnesium	ppm	12	4	---	---
Zinc	ppm	71	20	---	---
Phosphorus	ppm	2446	2625	---	---
Barium	ppm	0	0	---	---
Boron	ppm	296	271	---	---

Depot: BALPARNC
Unique No: 10980893
Signed: Sean Felton
Report Date: 18 Apr 2024



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GRAPHS

