



CONSTRUCTION EQUIPMENT

41829 LANDMARK VOLVO A40G 352361 - FRONT AXLE



Sample No: VCP449769
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 41829 LANDMARK



SAMPLE INFORMATION

Sample Number	VCP449769	VCP295555	---	---
Sample Date	12 Apr 2024	01 Dec 2020	---	---
Machine Hours	3829	899	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	█ 47.8	█ 51.5	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 5	█ 0	---	---
Sodium	ppm	█ 1	█ 0	---	---
Potassium	ppm	█ 0	█ 4	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 56	█ 151	---	---
Copper	ppm	█ 1	█ 1	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 0	█ 0	---	---
Chromium	ppm	█ <1	█ 2	---	---
Molybdenum	ppm	█ 3	2	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 1	9	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 743	48	---	---
Magnesium	ppm	█ 10	0	---	---
Zinc	ppm	█ 361	6	---	---
Phosphorus	ppm	█ 2146	2493	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 266	263	---	---

Depot: BALPARNC
Unique No: 10980780
Signed: Sean Felton
Report Date: 18 Apr 2024



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GRAPHS

