



CONSTRUCTION EQUIPMENT

41829 LANDMARK VOLVO A40G 352361 - DROP BOX



Sample No: VCP454613
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 41829 LANDMARK



SAMPLE INFORMATION

Sample Number	VCP454613	VCP295561	---	---
Sample Date	12 Apr 2024	01 Dec 2020	---	---
Machine Hours	3829	899	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
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	42.6	47.4	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	16	42	---	---
Sodium	ppm	4	10	---	---
Potassium	ppm	0	0	---	---

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	42	77	---	---
Copper	ppm	4	10	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	4	4	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	2210	48	---	---
Magnesium	ppm	16	5	---	---
Zinc	ppm	889	95	---	---
Phosphorus	ppm	1765	2414	---	---
Barium	ppm	0	0	---	---
Boron	ppm	237	152	---	---

Depot: BALPARNC
Unique No: 10980894
Signed: Sean Felton
Report Date: 18 Apr 2024



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GRAPHS

