



CONSTRUCTION EQUIPMENT

597440 ORLANDO CONST TAKEUCHI TL10 410007826 - REAR RIGHT FINAL DRIVE



Sample No: VCP447394
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 597440 ORLANDO CONST



SAMPLE INFORMATION

Sample Number	VCP447394	---	---	---
Sample Date	27 Jun 2024	---	---	---
Machine Hours	48	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
9601 BOGGY CREEK RD
ORLANDO, FL
US 32824
Contact: Robert LaPlante
robert.laplante@altg.com
T: (407)508-9736
F: (407)659-8720



OIL CONDITION

Visc @ 40°C	cSt	█ 154	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ <1	---	---	---

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	█ 342	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 38	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 42	---	---	---
Phosphorus	ppm	█ 276	---	---	---
Barium	ppm	█ 16	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO0096
Unique No: 11112494
Signed: Don Baldrige
Report Date: 08 Jul 2024



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GRAPHS

