



CONSTRUCTION EQUIPMENT

RSO-038028 HITACHI 060320 - RIGHT SWING DRIVE



Sample No: VCP447620
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: RSO-038028



SAMPLE INFORMATION

Sample Number	VCP447620	---	---	---
Sample Date	10 May 2024	---	---	---
Machine Hours	270	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207
 Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	█ 189	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 6	---	---	---

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	█ 149	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 14	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 10	---	---	---
Phosphorus	ppm	█ 608	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 54	---	---	---

Depot: SAIBIR
Unique No: 11036007
Signed: Sean Felton
Report Date: 22 May 2024



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GRAPHS

