



CONSTRUCTION EQUIPMENT

RSO-038391 HITACHI 060320 - LEFT SWING DRIVE



Sample No: VCP443966
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: RSO-038391



SAMPLE INFORMATION

Sample Number	VCP443966	VCP447623	---	---
Sample Date	20 Jun 2024	10 May 2024	---	---
Machine Hours	530	270	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	202	191	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	16	10	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	2	3	---	---

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	103	62	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	2	1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	36	<1	---	---
Magnesium	ppm	5	0	---	---
Zinc	ppm	49	112	---	---
Phosphorus	ppm	499	524	---	---
Barium	ppm	2	0	---	---
Boron	ppm	39	35	---	---

Depot: SAIBIR
Unique No: 11099799
Signed: Angela Borella
Report Date: 28 Jun 2024



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GRAPHS

