



CONSTRUCTION EQUIPMENT

SPM702824 RENTALS - SWING DRIVE



Sample No: VCP454792
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SPM702824 RENTALS



SAMPLE INFORMATION

Sample Number	VCP454792	VCP342242	---	---
Sample Date	29 Apr 2024	27 Apr 2023	---	---
Machine Hours	1209	484	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
 5210 REESE ROAD
 DAVIE, FL
 US 33314
 Contact: N. FACEY
 nfacey@altaequipfl.com
 T: (954)581-4744
 F: (954)583-0318



OIL CONDITION

Visc @ 40°C	cSt	283	171	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	15	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	2	<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	99	311	---	---
Copper	ppm	9	43	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	1	4	---	---
Molybdenum	ppm	3	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	6	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	79	18	---	---
Magnesium	ppm	13	2	---	---
Zinc	ppm	51	45	---	---
Phosphorus	ppm	1028	347	---	---
Barium	ppm	0	2	---	---
Boron	ppm	202	0	---	---

Depot: VOLVO0095
Unique No: 11009479
Signed: Don Baldrige
Report Date: 07 May 2024



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GRAPHS

