



CONSTRUCTION EQUIPMENT

41792 ARMSTRONG CONS VOLVO EC220EL 315387 - SWING DRIVE



Sample No: VCP444898
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 41792 ARMSTRONG CONS



215 - ASCENDUM MACHINERY INC - CAYCE
 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
 Contact: TAMI BROWDER

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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.



SAMPLE INFORMATION

Sample Number	VCP444898	---	---	---
Sample Date	10 Apr 2024	---	---	---
Machine Hours	1016	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 166	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 190	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	1	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 9	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 25	---	---	---
Phosphorus	ppm	█ 683	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 36	---	---	---

Depot: VOLVO0013
Unique No: 10976298
Signed: Don Baldrige
Report Date: 15 Apr 2024



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GRAPHS

