



CONSTRUCTION EQUIPMENT

VOLVO L350F 1078 - DIESEL ENGINE



Sample No: VCP430382
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCP430382	---	---	---
Sample Date	09 Jan 2024	---	---	---
Machine Hours	27068	---	---	---
Oil Hours	157	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

ROGERS GROUP, INC
 421 GREAT CIRCLE ROAD
 NASHVILLE, TN
 US 37228
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 100°C	cSt	█ 13.5	---	---	---
Base Number (BN)	mg KOH/g	█ 8.9	---	---	---
Oxidation (PA)	%	63	---	---	---

T: (615)780-5730
 F:

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.7	---	---	---
Nitration (PA)	%	65	---	---	---
Sulfation (PA)	%	56	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 40	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 52	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1089	---	---	---
Magnesium	ppm	█ 878	---	---	---
Zinc	ppm	█ 1230	---	---	---
Phosphorus	ppm	█ 959	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: ROGNAS
Unique No: 10830445
Signed: Wes Davis
Report Date: 12 Jan 2024



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GRAPHS

