



CONSTRUCTION EQUIPMENT

G08804 GCIA VOLVO A30G 742654 - DIESEL ENGINE



Sample No: VCP438314
Oil Type: {unknown}
Job No: G08804 GCIA



SAMPLE INFORMATION

Sample Number	VCP438314	---	---	---
Sample Date	17 May 2024	---	---	---
Machine Hours	2683	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

GLOUSTER COUNTY LANDFILL
 109 BUDD BLVD
 WOODBURY, NJ
 US 08096
 Contact: DONALD FANSLAU



OIL CONDITION

Visc @ 100°C	cSt	▲ 10.5	---	---	---
Base Number (BN)	mg KOH/g	■ 9.0	---	---	---
Oxidation (PA)	%	49	---	---	---

T: (856)478-6045
 F:

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Light fuel dilution occurring. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	41	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 5.4	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 8	---	---	---



WEAR METALS

Iron	ppm	■ 16	---	---	---
Copper	ppm	■ 7	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 25	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 1686	---	---	---
Magnesium	ppm	■ 352	---	---	---
Zinc	ppm	■ 1047	---	---	---
Phosphorus	ppm	■ 844	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 20	---	---	---

Depot: GLOWOONJ
Unique No: 11045501
Signed: Jonathan Hester
Report Date: 29 May 2024

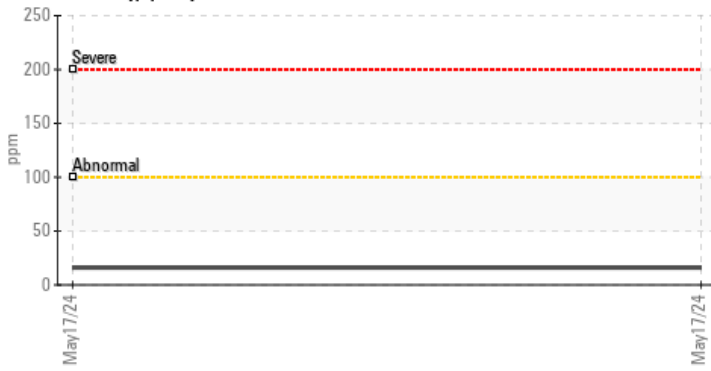


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GRAPHS

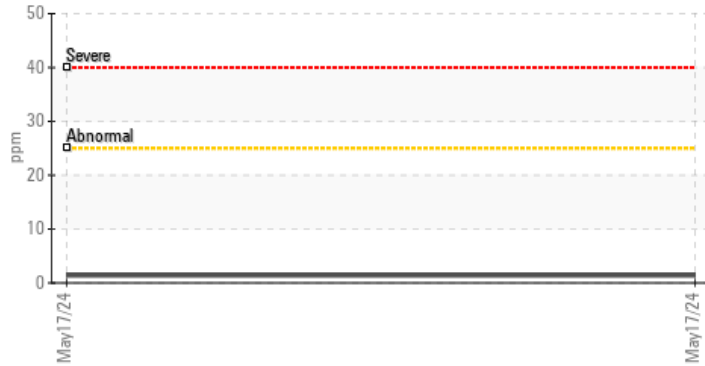
Iron (ppm)



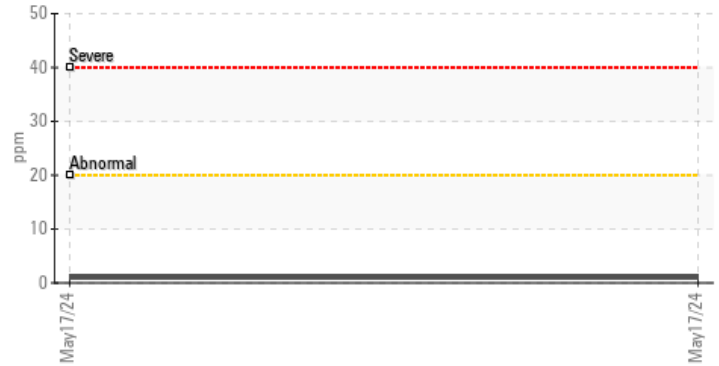
Lead (ppm)



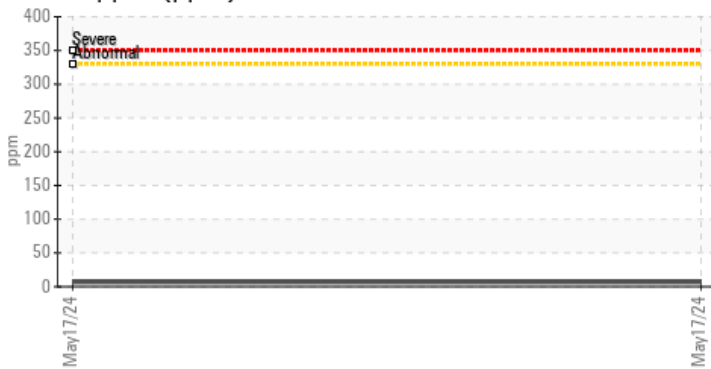
Aluminum (ppm)



Chromium (ppm)



Copper (ppm)



Silicon (ppm)



▲ Viscosity @ 100°C



Base Number

