



CONSTRUCTION EQUIPMENT

729857 RENTALS VOLVO A25G 752682 - DIESEL ENGINE



Sample No: VCP449999
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: 729857 RENTALS



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
9601 BOGGY CREEK RD
ORLANDO, FL
US 32824
Contact: Robert LaPlante
robert.laplante@altg.com
T: (407)508-9736
F: (407)659-8720



SAMPLE INFORMATION

Sample Number	VCP449999	---	---	---
Sample Date	17 Jun 2024	---	---	---
Machine Hours	1340	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	● 19.0	---	---	---
Base Number (BN)	mg KOH/g	■ 4.8	---	---	---
Oxidation (PA)	%	■ 69	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.6	---	---	---
Nitration (PA)	%	■ 86	---	---	---
Sulfation (PA)	%	■ 66	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	▲ 76	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 52	---	---	---
Copper	ppm	■ 205	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 78	---	---	---
Nickel	ppm	▲ 5	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 2321	---	---	---
Magnesium	ppm	■ 65	---	---	---
Zinc	ppm	■ 1189	---	---	---
Phosphorus	ppm	■ 1003	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 8	---	---	---

Diagnosis

We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Valve wear is indicated. Elemental level of silicon (Si) above normal. The oil viscosity is higher than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0096
Unique No: 11090613
Signed: Don Baldrige
Report Date: 25 Jun 2024

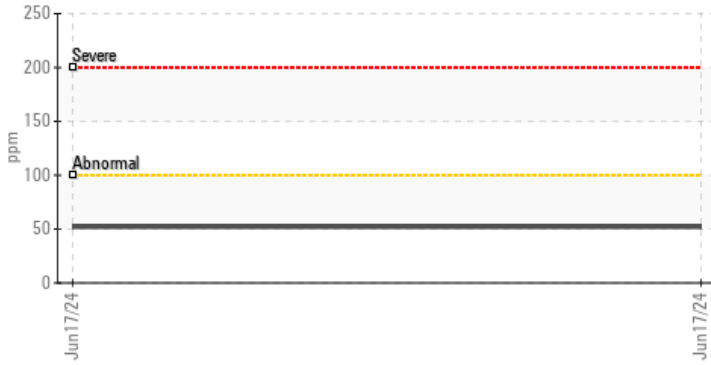


CONSTRUCTION EQUIPMENT

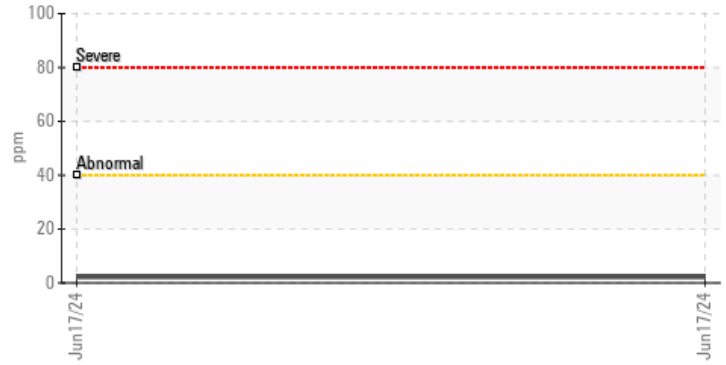


GRAPHS

Iron (ppm)



Lead (ppm)



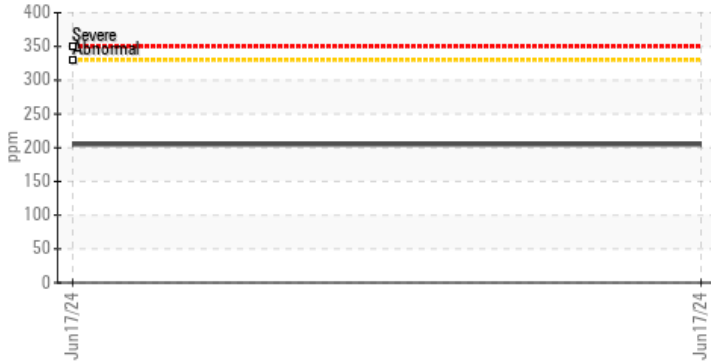
Aluminum (ppm)



Chromium (ppm)



Copper (ppm)



▲ Silicon (ppm)



● Viscosity @ 100°C



Base Number

