



CONSTRUCTION EQUIPMENT

717415 RENTALS BERGMANN C815S 5718 - DIESEL ENGINE



Sample No: VCP439517
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 717415 RENTALS



SAMPLE INFORMATION

Sample Number	VCP439517	---	---	---
Sample Date	06 Jun 2024	---	---	---
Machine Hours	1824	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.7	---	---	---
Base Number (BN)	mg KOH/g	█ 7.0	---	---	---
Oxidation (PA)	%	62	---	---	---

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 %	%	█ 1.1	---	---	---
Nitration (PA)	%	78	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 46	---	---	---

WEAR METALS

Iron	ppm	█ 69	---	---	---
Copper	ppm	█ 202	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 23	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 1923	---	---	---
Magnesium	ppm	█ 268	---	---	---
Zinc	ppm	█ 1074	---	---	---
Phosphorus	ppm	█ 837	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 11	---	---	---

Depot: VOLVO0095
Unique No: 11073549
Signed: Wes Davis
Report Date: 17 Jun 2024

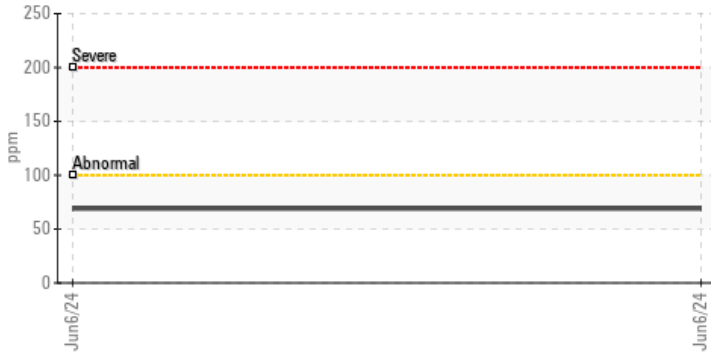


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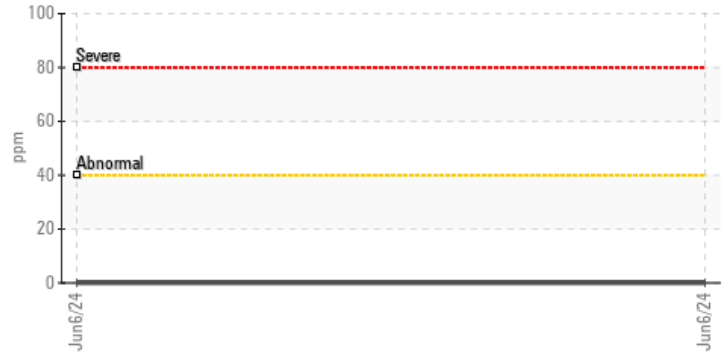


GRAPHS

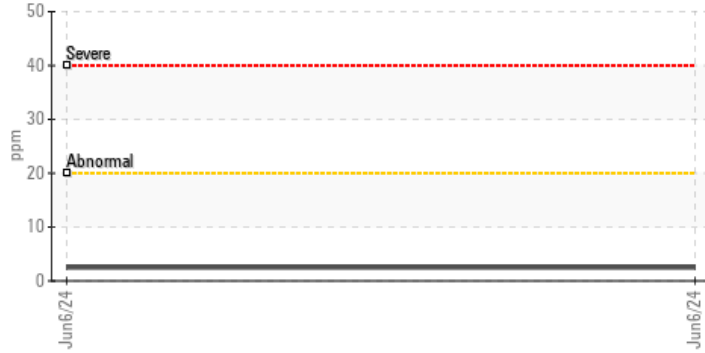
Iron (ppm)



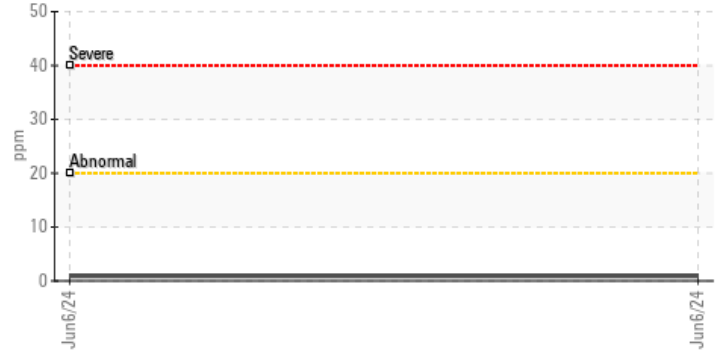
Lead (ppm)



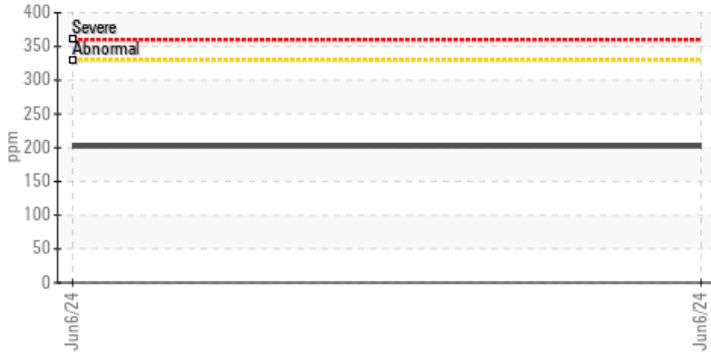
Aluminum (ppm)



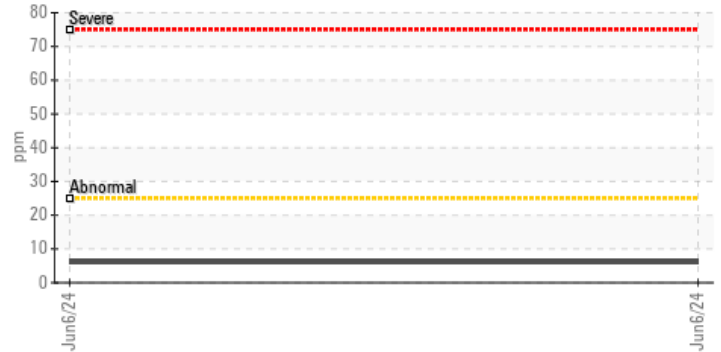
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Base Number

