



CONSTRUCTION EQUIPMENT

R24891 WASTE MANAG. VOLVO A35G 352206 - DIESEL ENGINE



Sample No: VCP441492
Oil Type: {unknown}
Job No: R24891 WASTE MANAG.



SAMPLE INFORMATION

Sample Number	VCP441492	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	3481	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	11.3	---	---	---
Base Number (BN)	mg KOH/g	4.2	---	---	---
Oxidation (PA)	%	76	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Fuel content negligible. 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 %	%	0.2	---	---	---
Nitration (PA)	%	88	---	---	---
Sulfation (PA)	%	68	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.7	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	0	---	---	---



WEAR METALS

Iron	ppm	17	---	---	---
Copper	ppm	47	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	67	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	1192	---	---	---
Magnesium	ppm	959	---	---	---
Zinc	ppm	1254	---	---	---
Phosphorus	ppm	946	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	17	---	---	---

Depot: HOFPISNJ
Unique No: 11003247
Signed: Jonathan Hester
Report Date: 01 May 2024

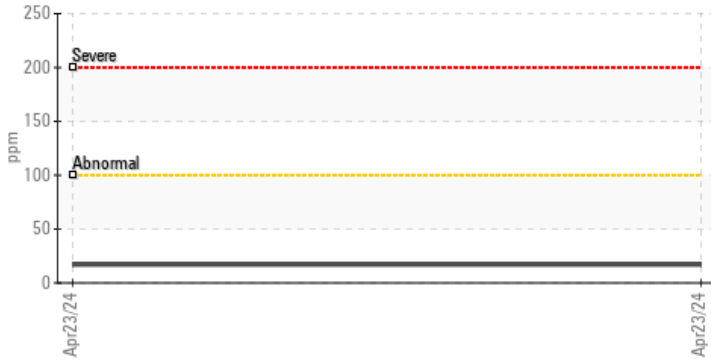


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GRAPHS

Iron (ppm)



Lead (ppm)



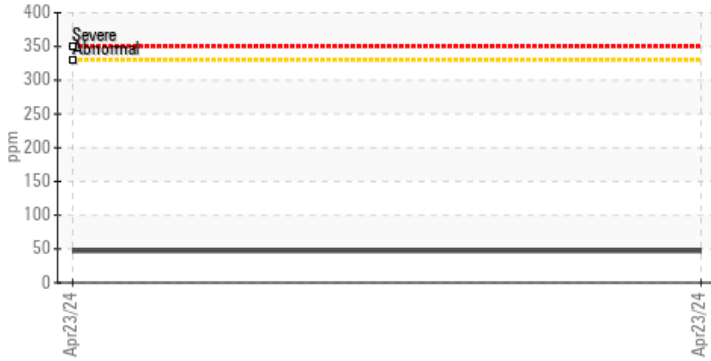
Aluminum (ppm)



Chromium (ppm)



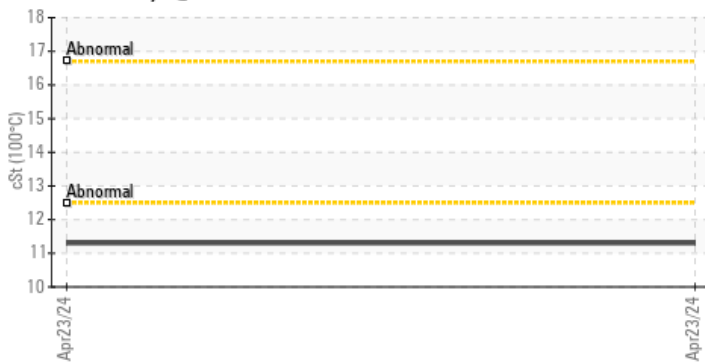
Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Base Number

