



CONSTRUCTION EQUIPMENT

W0229201 ASV RT-75 04434 - DIESEL ENGINE



Sample No: VCP409600

Oil Type: ASV ELITE

Job No: W0229201



SAMPLE INFORMATION

Sample Number	VCP409600	---	---	---
Sample Date	12 Oct 2023	---	---	---
Machine Hours	733	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ROMCO INC

1350 NE LOOP 820
FORT WORTH, TX
US 76106

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OIL CONDITION

Visc @ 100°C	cSt	█ 12.3	---	---	---
Base Number (BN)	mg KOH/g	█ 9.3	---	---	---
Oxidation (PA)	%	49	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	47	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.8	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 36	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 16	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1109	---	---	---
Magnesium	ppm	█ 722	---	---	---
Zinc	ppm	█ 1092	---	---	---
Phosphorus	ppm	█ 873	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 116	---	---	---

Depot: VOLVO0081
Unique No: 10697602
Signed: Don Baldrige
Report Date: 18 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

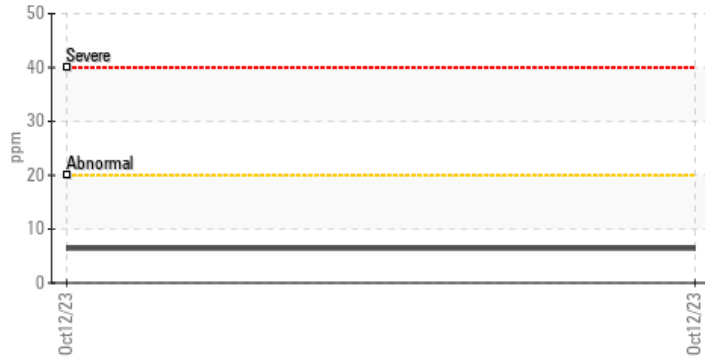
Iron (ppm)



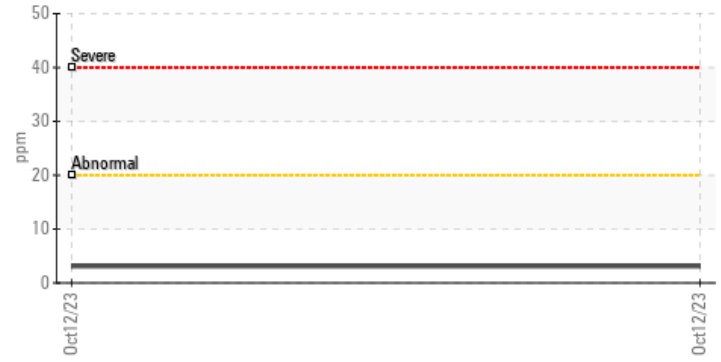
Lead (ppm)



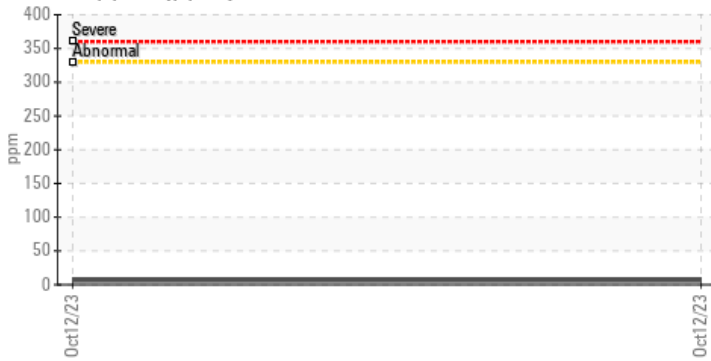
Aluminum (ppm)



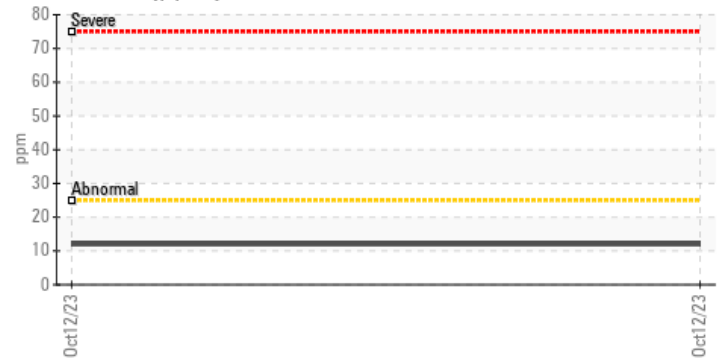
Chromium (ppm)



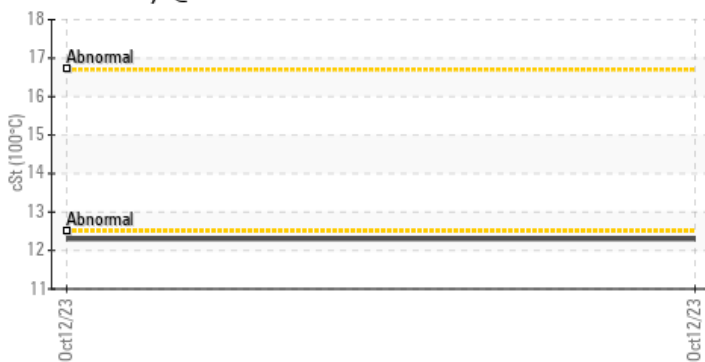
Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Base Number

