



CONSTRUCTION EQUIPMENT

DAMABOIS CAP-CHAT 377588 VOLVO L90C 62182 - DIESEL ENGINE



Sample No: VCP391605
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 377588



SAMPLE INFORMATION

Sample Number	VCP391605	---	---	---
Sample Date	14 Sep 2023	---	---	---
Machine Hours	18895	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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 T:
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OIL CONDITION

Visc @ 100°C	cSt	█ 15.7	---	---	---
Oxidation (PA)	%	█ 96	---	---	---



CONTAMINATION

Soot %	%	▲ 3.2	---	---	---
Nitration (PA)	%	█ 108	---	---	---
Sulfation (PA)	%	█ 90	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ 0.8	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 4	---	---	---

Diagnosis

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Les taux d'usure de tous les composants sont normaux. Il y a indication d'une présence anormale de sulfatation. La teneur en carburant est négligeable. Légère concentration de carbone/suie dans l'huile. l'huile ne peut plus être utilisée en raison de la présence de contaminants.



WEAR METALS

Iron	ppm	█ 100	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 8	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 91	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1834	---	---	---
Magnesium	ppm	█ 409	---	---	---
Zinc	ppm	█ 1312	---	---	---
Phosphorus	ppm	█ 1063	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 156	---	---	---

Depot: VOLVO0228
Unique No: 5645892
Signed: Bill Quesnel
Report Date: 26 Sep 2023

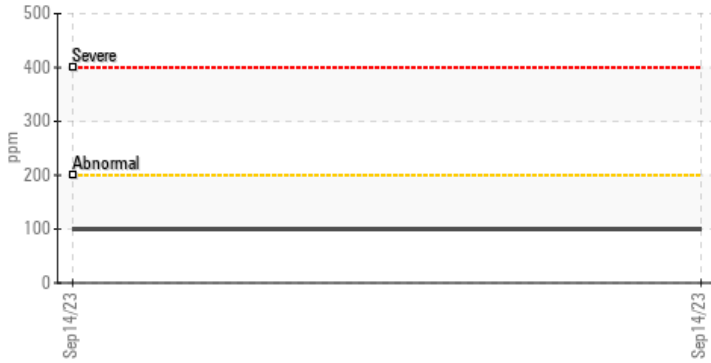


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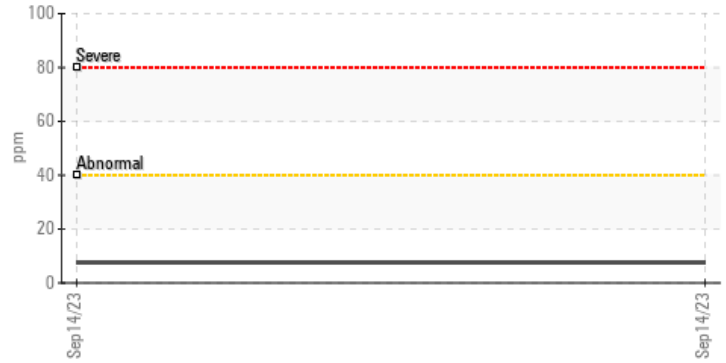


GRAPHS

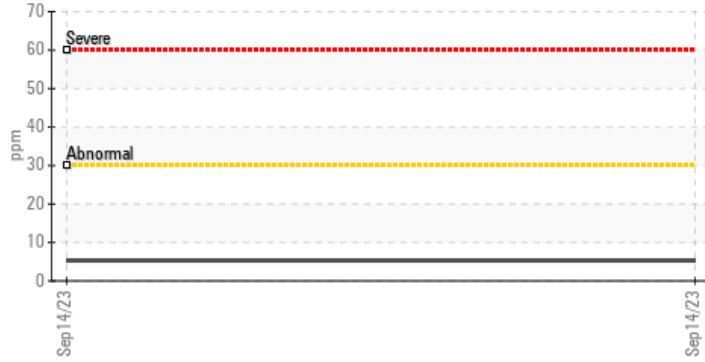
Iron (ppm)



Lead (ppm)



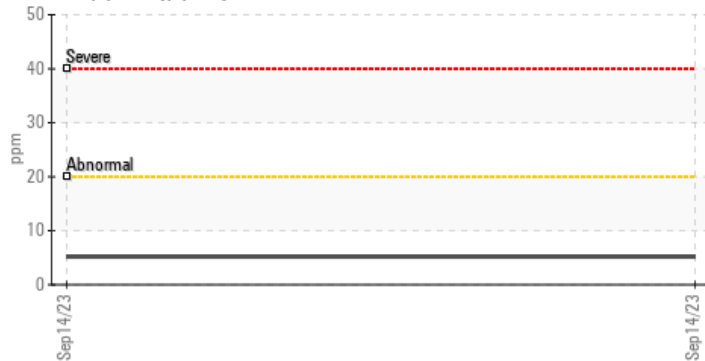
Aluminum (ppm)



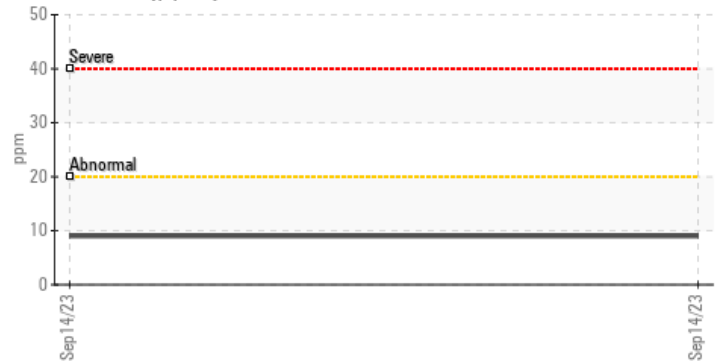
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



▲ Soot %

