



CONSTRUCTION EQUIPMENT

TUCKER PAVING - GEARBOX



Sample No: VCP386117
Oil Type: VOLVO WB 102
Job No: TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP386117	---	---	---
Sample Date	12 Oct 2022	---	---	---
Machine Hours	6141	---	---	---
Oil Hours	1500	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 45.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 10	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 132	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	● 352	---	---	---
Phosphorus	ppm	● 313	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	● 4	---	---	---

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. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10255061
Signed: Jonathan Hester
Report Date: 15 Dec 2022



CONSTRUCTION EQUIPMENT



GRAPHS

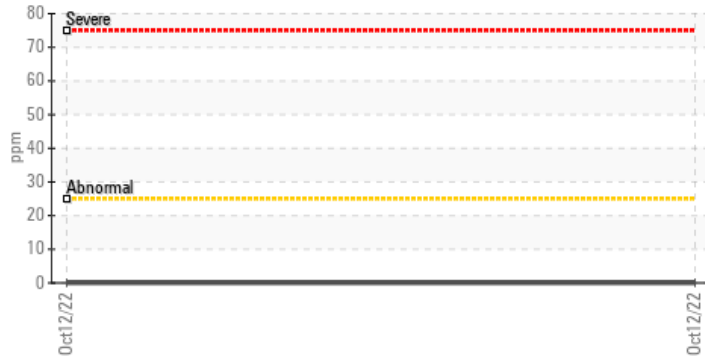
Iron (ppm)



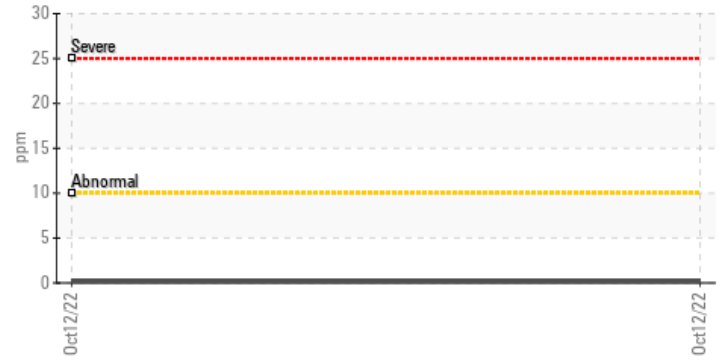
Lead (ppm)



Aluminum (ppm)



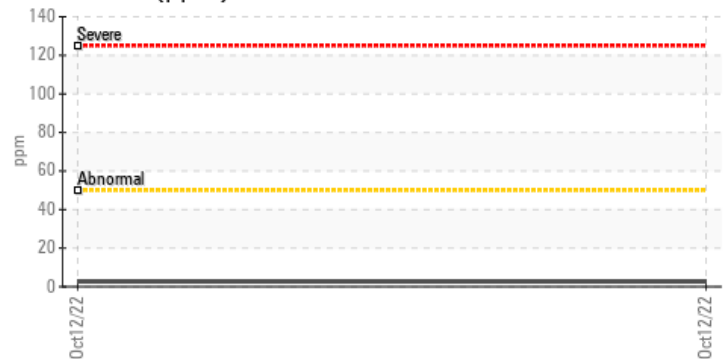
Chromium (ppm)



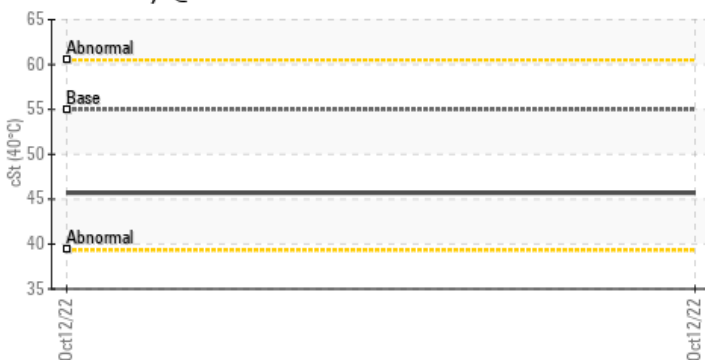
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

