



CONSTRUCTION EQUIPMENT

PRINCE VOLVO L90H 627129 - FRONT AXLE



Sample No: VCP445555
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: PRINCE



SAMPLE INFORMATION

Sample Number	VCP445555	---	---	---
Sample Date	09 Apr 2024	---	---	---
Machine Hours	908	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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 US 33619
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OIL CONDITION

Visc @ 40°C	cSt	█ 41.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 61	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 17	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 4010	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 1653	---	---	---
Phosphorus	ppm	█ 1308	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 134	---	---	---

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 condition of the oil is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 11083363
Signed: Wes Davis
Report Date: 17 Jun 2024



CONSTRUCTION EQUIPMENT

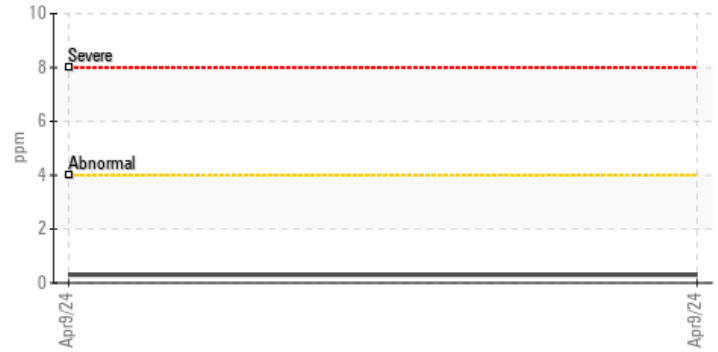


GRAPHS

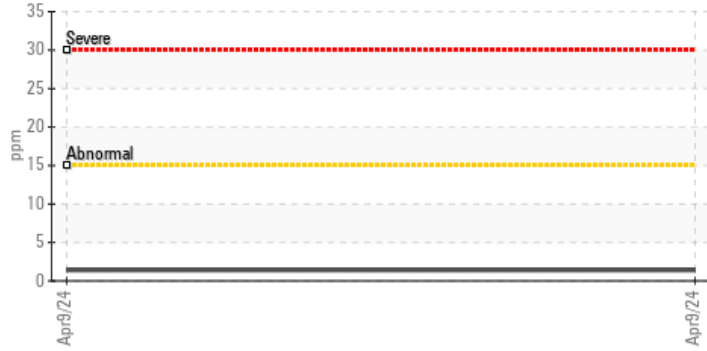
Iron (ppm)



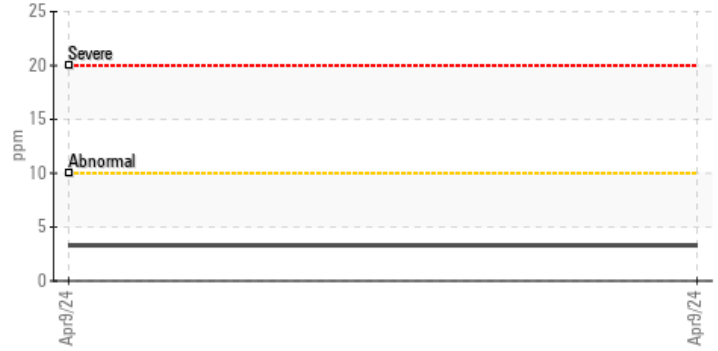
Lead (ppm)



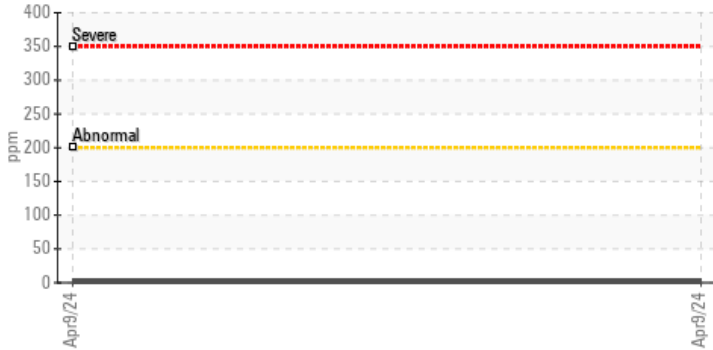
Aluminum (ppm)



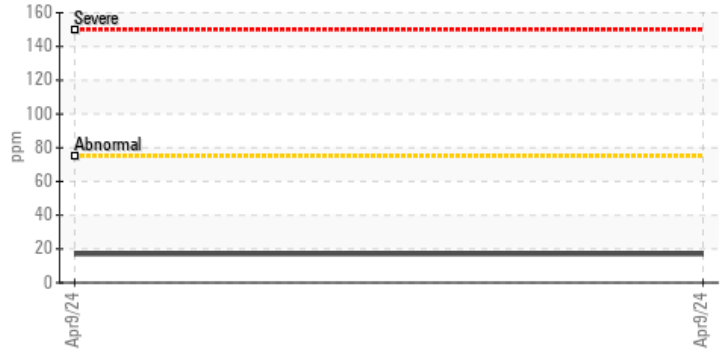
Chromium (ppm)



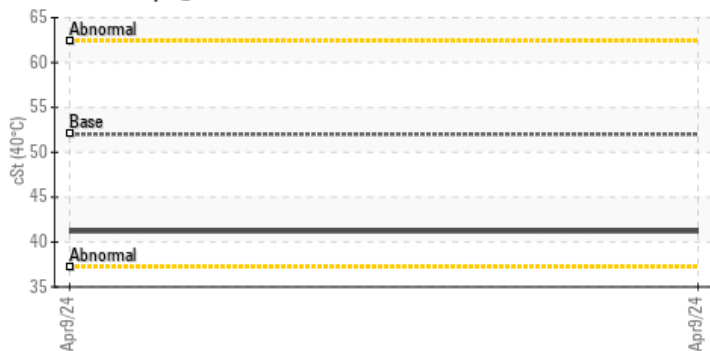
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

