



CONSTRUCTION EQUIPMENT

SW1028546 LKQ 1732 VOLVO L90H 624586 - FRONT AXLE



Sample No: VCP412897
Oil Type: VOLVO WB 102
Job No: SW1028546 LKQ 1732



SAMPLE INFORMATION

Sample Number	VCP412897	---	---	---
Sample Date	09 Jan 2024	---	---	---
Machine Hours	7972	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 39.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 3	---	---	---

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.



WEAR METALS

Iron	ppm	■ 140	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 12	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 10	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 3756	---	---	---
Magnesium	ppm	■ 10	---	---	---
Zinc	ppm	■ 1524	---	---	---
Phosphorus	ppm	■ 1373	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 128	---	---	---

Depot: VOLVO6174
Unique No: 10842663
Signed: Wes Davis
Report Date: 22 Jan 2024

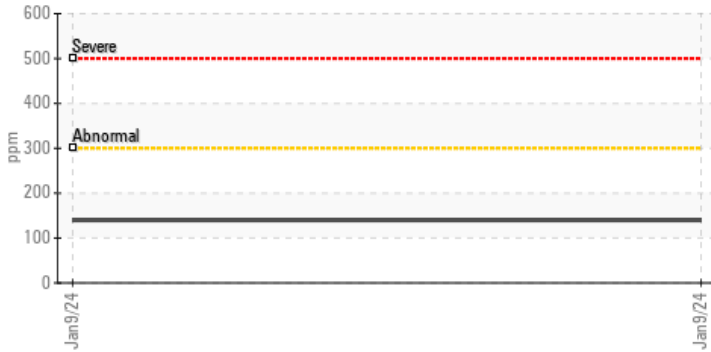


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GRAPHS

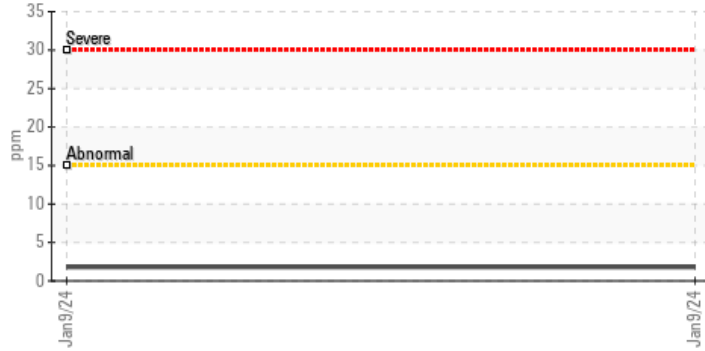
Iron (ppm)



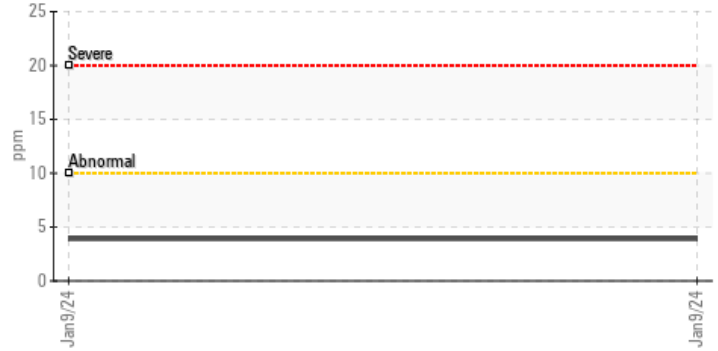
Lead (ppm)



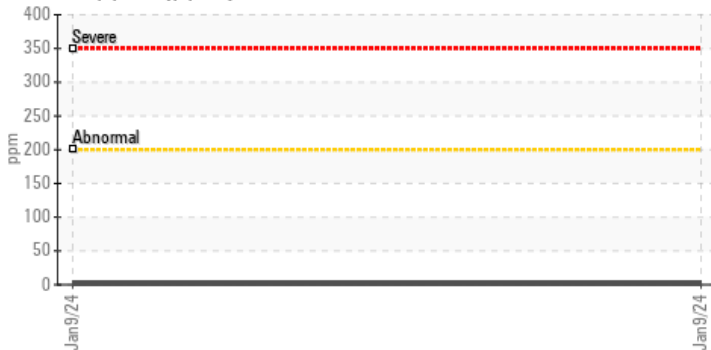
Aluminum (ppm)



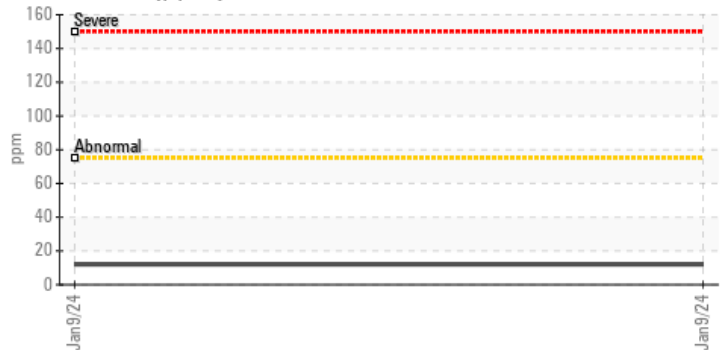
Chromium (ppm)



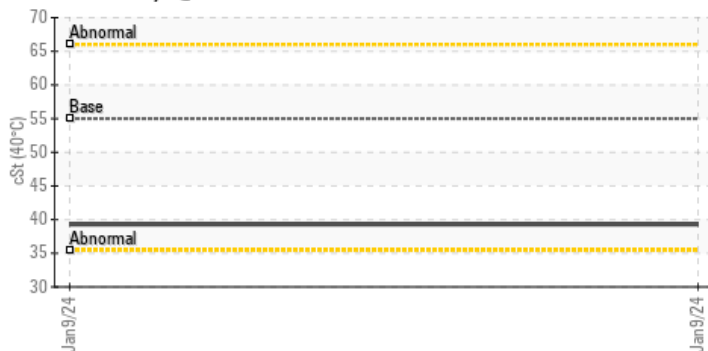
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

