



CONSTRUCTION EQUIPMENT

716561 DETROIT IRON SENNEBOGEN 825 3520 - REAR AXLE



Sample No: VCP452662
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 716561 DETROIT IRON



SAMPLE INFORMATION

Sample Number	VCP452662	---	---	---
Sample Date	06 Jun 2024	---	---	---
Machine Hours	2211	---	---	---
Oil Hours	1211	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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56195 PONTIAC TRAIL
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OIL CONDITION

Visc @ 40°C	cSt	● 84.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 16	---	---	---
Potassium	ppm	■ <1	---	---	---

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 oil viscosity is lower than normal. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 22	---	---	---
Copper	ppm	■ 15	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 2027	---	---	---
Magnesium	ppm	■ 5	---	---	---
Zinc	ppm	■ 760	---	---	---
Phosphorus	ppm	■ 1595	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 53	---	---	---

Depot: VOLVO2990
Unique No: 11087920
Signed: Sean Felton
Report Date: 21 Jun 2024

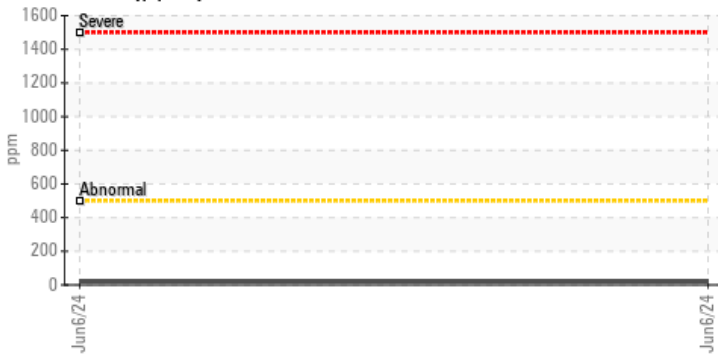


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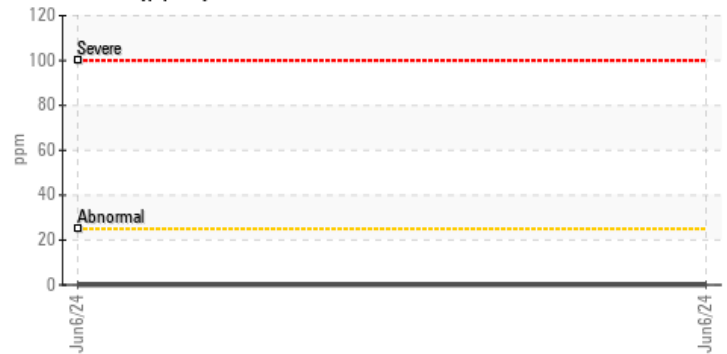


GRAPHS

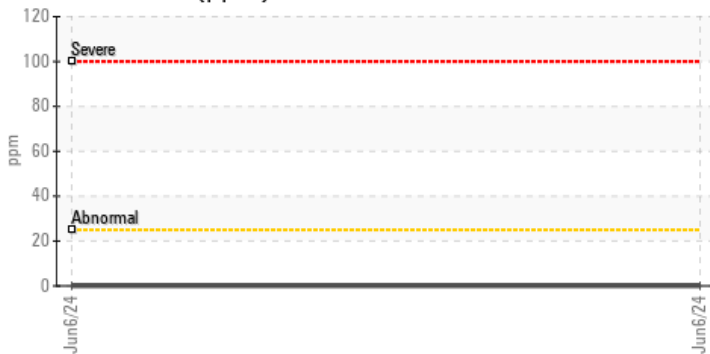
Iron (ppm)



Lead (ppm)



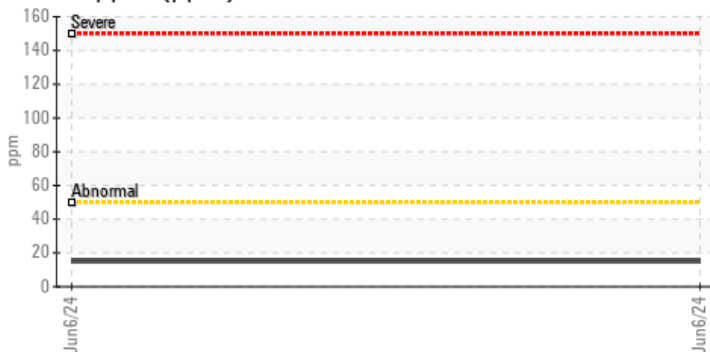
Aluminum (ppm)



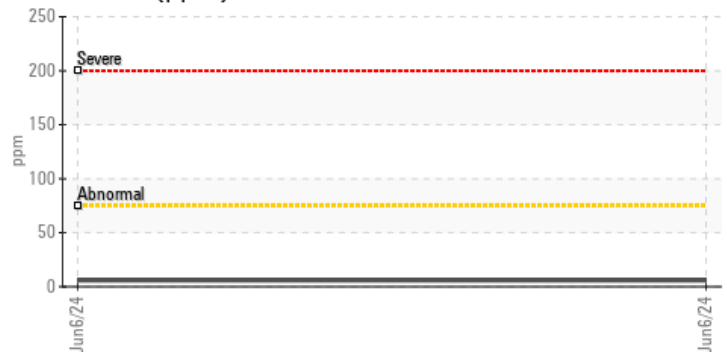
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



● Viscosity @ 40°C



Additives

