



CONSTRUCTION EQUIPMENT

G08814 VOLVO EC300 316568 - GEARBOX



Sample No: VCP453533
Oil Type: GEAR OIL ISO 150
Job No: G08814



SAMPLE INFORMATION

Sample Number	VCP453533	VCP453655	---	---
Sample Date	23 May 2024	22 May 2024	---	---
Machine Hours	296	296	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

WHIBCO INC
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 PORT ELIZABETH, NJ
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OIL CONDITION

Visc @ 40°C	cSt	175	173	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	30	6	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	3	1	---	---

Diagnosis
 Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	139	91	---	---
Copper	ppm	0	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	5	2	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	7	10	---	---
Magnesium	ppm	1	2	---	---
Zinc	ppm	1	0	---	---
Phosphorus	ppm	321	296	---	---
Barium	ppm	3	4	---	---
Boron	ppm	0	0	---	---

Depot: WHIBRI
Unique No: 11056545
Signed: Don Baldrige
Report Date: 31 May 2024

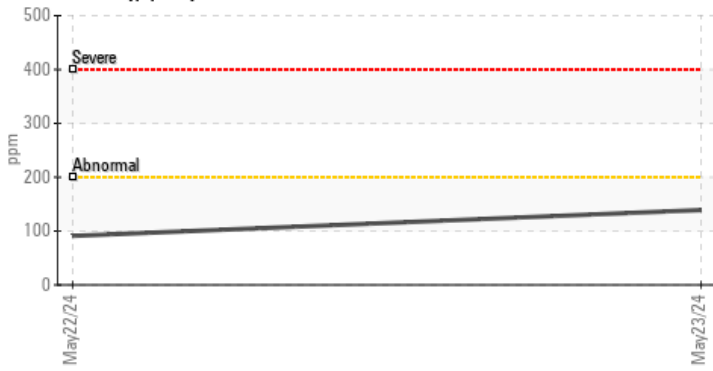


CONSTRUCTION EQUIPMENT



GRAPHS

Iron (ppm)



Lead (ppm)



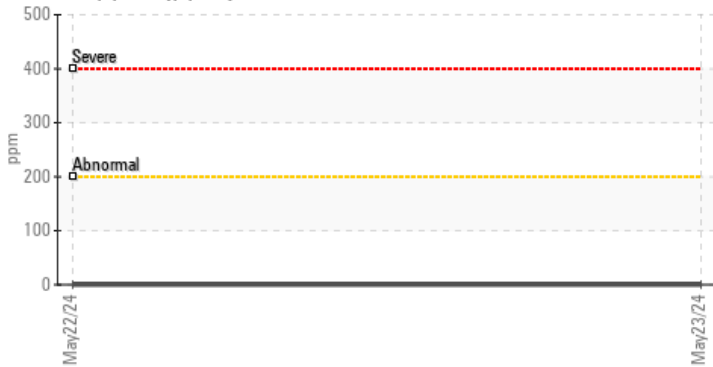
Aluminum (ppm)



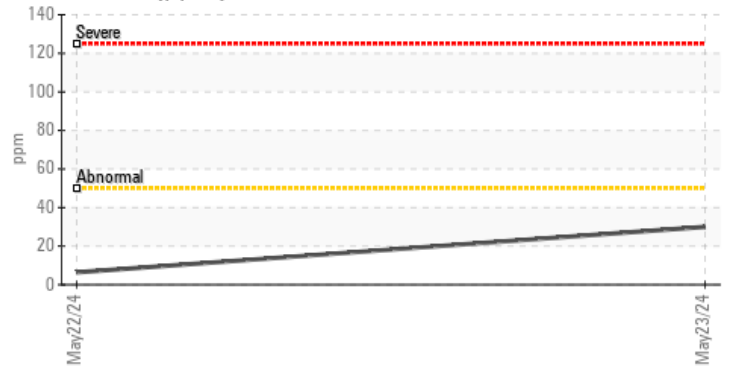
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

