



CONSTRUCTION EQUIPMENT

2011 VOLVO L120G 31453 - REAR AXLE



Sample No: VCP434343
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 2011



SAMPLE INFORMATION

Sample Number	VCP434343	---	---	---
Sample Date	08 May 2024	---	---	---
Machine Hours	13525	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

LEONARDS CONTRACTING
 30850 STEPHENSON HWY
 MADISON HEIGHTS, MI
 US 48071
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 T: (810)499-1953
 F: x:



OIL CONDITION

Visc @ 40°C	cSt	█ 43.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	49	---	---	---
Sodium	ppm	█ 7	---	---	---
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	784	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	7	---	---	---
Chromium	ppm	10	---	---	---
Molybdenum	ppm	23	---	---	---
Nickel	ppm	3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	13	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	3710	---	---	---
Magnesium	ppm	40	---	---	---
Zinc	ppm	1548	---	---	---
Phosphorus	ppm	1275	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	125	---	---	---

Depot: LEOMAD
Unique No: 11057923
Signed: Wes Davis
Report Date: 31 May 2024

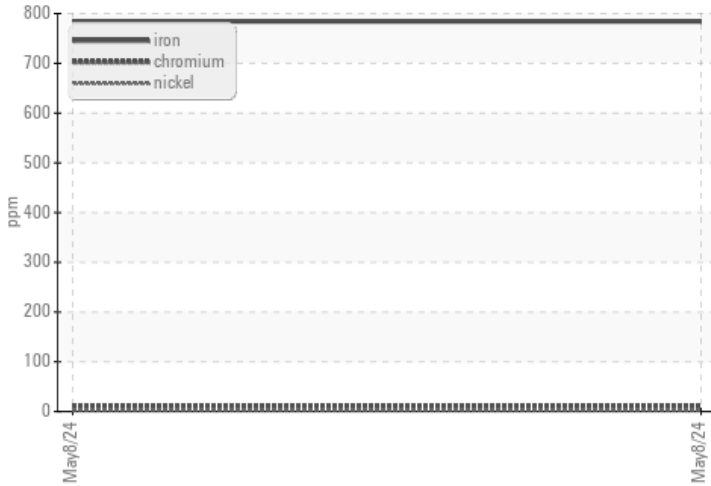


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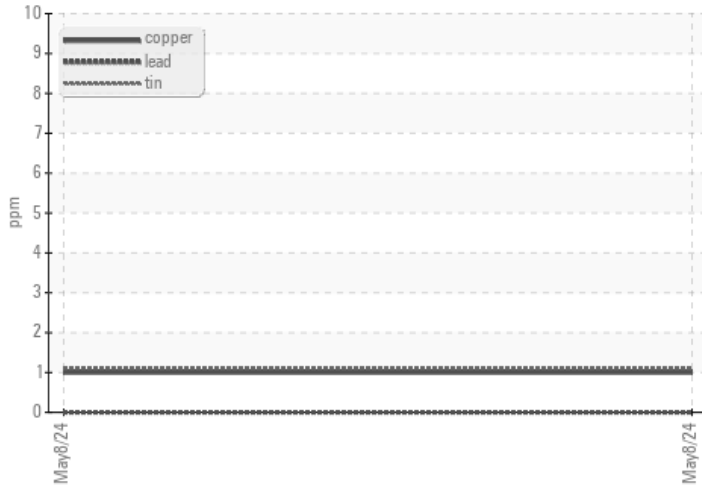


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

