



CONSTRUCTION EQUIPMENT

VOLVO L150H 6991 - FRONT AXLE



Sample No: VCP449232
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCP449232	VCP373190	---	---
Sample Date	11 Jan 2024	04 Jun 2022	---	---
Machine Hours	2001	991	---	---
Oil Hours	0	991	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: PM Services
 PMServices@ripaconstruction.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	41.8	39.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	11	---	---
Sodium	ppm	8	11	---	---
Potassium	ppm	0	0	---	---

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	85	88	---	---
Copper	ppm	26	12	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	2	3	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3307	3655	---	---
Magnesium	ppm	9	9	---	---
Zinc	ppm	1327	1452	---	---
Phosphorus	ppm	1167	1230	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	119	126	---	---

Depot: RIPTAM
Unique No: 10863731
Signed: Don Baldrige
Report Date: 08 Feb 2024



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GRAPHS

