



CONSTRUCTION EQUIPMENT

VOLVO L150H 6991 - REAR AXLE



Sample No: VCP449229
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCP449229	VCP372317	---	---
Sample Date	11 Jan 2024	04 Jun 2022	---	---
Machine Hours	2001	991	---	---
Oil Hours	0	911	---	---
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	41.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	12	---	---
Sodium	ppm	8	12	---	---
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	84	66	---	---
Copper	ppm	26	8	---	---
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	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3372	3886	---	---
Magnesium	ppm	9	10	---	---
Zinc	ppm	1357	1523	---	---
Phosphorus	ppm	1174	1281	---	---
Barium	ppm	0	0	---	---
Boron	ppm	121	131	---	---

Depot: RIPTAM
Unique No: 10863732
Signed: Don Baldrige
Report Date: 08 Feb 2024



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GRAPHS

